

HIGHLIGHTS OF PRESCRIBING INFORMATION

These highlights do not include all the information needed to use ROZLYTREK® safely and effectively. See full prescribing information for ROZLYTREK.

ROZLYTREK (entrectinib) capsules, for oral use
Initial U.S. Approval: 2019

RECENT MAJOR CHANGES

Warnings and Precautions (5.7) 11/2021

INDICATIONS AND USAGE

ROZLYTREK is a kinase inhibitor indicated for the treatment of:

- Adult patients with metastatic non-small cell lung cancer (NSCLC) whose tumors are *ROS1*-positive. (1.1)
- Adult and pediatric patients 12 years of age and older with solid tumors that:
 - have a neurotrophic tyrosine receptor kinase (*NTRK*) gene fusion without a known acquired resistance mutation,
 - are metastatic or where surgical resection is likely to result in severe morbidity, and
 - have progressed following treatment or have no satisfactory alternative therapy.

This indication is approved under accelerated approval based on tumor response rate and durability of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in the confirmatory trials. (1.2)

DOSAGE AND ADMINISTRATION

- Select patients for treatment based on the presence of *ROS1* rearrangement(s) or *NTRK* gene fusion. (2.1)
- **Recommended Dosage for *ROS1*-Positive Non-Small Cell Lung Cancer:** 600 mg orally once daily. (2.2)
- **Recommended Dosage for *NTRK* Gene Fusion-Positive Solid Tumors:**
 - Adults: 600 mg orally once daily (2.3)
 - Pediatric Patients 12 Years and Older: Recommended dosage is based on body surface area (BSA) as shown below (2.3)
 - BSA greater than 1.50 m²: 600 mg once daily
 - BSA 1.11 to 1.50 m²: 500 mg once daily
 - BSA 0.91 to 1.10 m²: 400 mg once daily

DOSAGE FORMS AND STRENGTHS

Capsules: 100 mg and 200 mg (3)

CONTRAINDICATIONS

None. (4)

WARNINGS AND PRECAUTIONS

- **Congestive Heart Failure (CHF):** Assess left ventricular ejection fraction (LVEF) prior to initiation of ROZLYTREK in patients with symptoms or known risk factors for CHF. Monitor patients for clinical signs and symptoms of CHF. For patients with myocarditis, with or without a decreased ejection fraction, MRI or cardiac biopsy may be required to make the diagnosis. For new onset or worsening CHF, withhold ROZLYTREK, reassess LVEF and institute appropriate medical management. Reduce dose or permanently discontinue ROZLYTREK based on severity of CHF or worsening LVEF. (2.4, 5.1)

- **Central Nervous System (CNS) Effects:** CNS adverse reactions including cognitive impairment, mood disorders, dizziness, and sleep disturbances can occur with ROZLYTREK. Withhold and then resume at same or reduced dose upon improvement or permanently discontinue ROZLYTREK based on severity. (2.4, 5.2)
- **Skeletal Fractures:** ROZLYTREK increases the risk of fractures. Promptly evaluate patients with signs or symptoms of fractures. (5.3)
- **Hepatotoxicity:** Monitor liver tests, including ALT and AST, every 2 weeks during the first month of treatment, then monthly thereafter, and as clinically indicated. Withhold or permanently discontinue ROZLYTREK based on severity. If withheld, resume ROZLYTREK at same or reduced dose based on severity. (2.4, 5.4)
- **Hyperuricemia:** Assess serum uric acid levels prior to initiation and periodically during treatment with ROZLYTREK. Monitor patients for signs and symptoms of hyperuricemia. Initiate treatment with urate-lowering medications as clinically indicated and withhold ROZLYTREK for signs and symptoms of hyperuricemia. Resume at same or reduced dose upon improvement based on severity. (2.4, 5.5)
- **QT Interval Prolongation:** Monitor patients who have or who are at risk for QTc interval prolongation. Assess QT interval and electrolytes at baseline and periodically during treatment. Withhold and then resume at same or reduced dose, or permanently discontinue ROZLYTREK based on severity. (2.4, 5.6)
- **Vision Disorders:** Withhold for new visual changes or changes that interfere with activities of daily living until improvement or stabilization. Conduct an ophthalmological evaluation as appropriate. Resume at same or reduced dose upon improvement or stabilization. (2.4, 5.7)
- **Embryo-Fetal Toxicity:** Can cause fetal harm. Advise females of reproductive potential of the potential risk to a fetus and use of effective contraception. (5.8, 8.1, 8.3)

ADVERSE REACTIONS

The most common adverse reactions (≥ 20%) were fatigue, constipation, dysgeusia, edema, dizziness, diarrhea, nausea, dysesthesia, dyspnea, myalgia, cognitive impairment, increased weight, cough, vomiting, pyrexia, arthralgia, and vision disorders. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Genentech at 1-888-835-2555 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- **Moderate and Strong CYP3A Inhibitors:**
 - For adult and pediatric patients 12 years and older with a BSA greater than 1.50 m², reduce the dose of ROZLYTREK if coadministration of moderate or strong CYP3A inhibitors cannot be avoided. (2.5, 7.1)
 - For pediatric patients 12 years and older with a BSA less than or equal to 1.50 m², avoid coadministration with ROZLYTREK. (7.1)
- **Moderate and Strong CYP3A Inducers:** Avoid coadministration with ROZLYTREK. (7.1)

USE IN SPECIFIC POPULATIONS

- **Lactation:** Advise not to breastfeed. (8.2)

See 17 for PATIENT COUNSELING INFORMATION and FDA-approved patient labeling.

Revised: 11/2021

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1 FULL PRESCRIBING INFORMATION

2 1 INDICATIONS AND USAGE

3 1.1 *ROS1*-Positive Non-Small Cell Lung Cancer

4 ROZLYTREK is indicated for the treatment of adult patients with metastatic non-small cell lung cancer
5 (NSCLC) whose tumors are *ROS1*-positive.

6 1.2 *NTRK* Gene Fusion-Positive Solid Tumors

7 ROZLYTREK is indicated for the treatment of adult and pediatric patients 12 years of age and older with solid
8 tumors that:

- 9 • have a neurotrophic tyrosine receptor kinase (*NTRK*) gene fusion without a known acquired resistance
10 mutation,
- 11 • are metastatic or where surgical resection is likely to result in severe morbidity, and
- 12 • have either progressed following treatment or have no satisfactory alternative therapy.

13 This indication is approved under accelerated approval based on tumor response rate and durability of response
14 [see *Clinical Studies (14.2)*]. Continued approval for this indication may be contingent upon verification and
15 description of clinical benefit in the confirmatory trials.

16 2 DOSAGE AND ADMINISTRATION

17 2.1 Patient Selection

18 Select patients for the treatment of metastatic NSCLC with ROZLYTREK based on the presence of *ROS1*
19 rearrangement(s) in tumor specimens [see *Clinical Studies (14.1)*]. An FDA-approved test for detection of
20 *ROS1* rearrangement(s) in NSCLC for selecting patients for treatment with ROZLYTREK is not available.

21 Select patients for treatment of locally advanced or metastatic solid tumors with ROZLYTREK based on the
22 presence of a *NTRK* gene fusion [see *Clinical Studies (14.2)*]. An FDA-approved test for the detection of *NTRK*
23 gene fusion in solid tumors is not available.

24 2.2 Recommended Dosage for *ROS1*-Positive Non-Small Cell Lung Cancer

25 The recommended dosage of ROZLYTREK is 600 mg orally once daily with or without food until disease
26 progression or unacceptable toxicity.

27 2.3 Recommended Dosage for *NTRK* Gene Fusion-Positive Solid Tumors

28 Adults

29 The recommended dosage of ROZLYTREK in adults is 600 mg orally once daily with or without food until
30 disease progression or unacceptable toxicity.

32 Pediatric Patients 12 Years and Older (Adolescents)

33 The recommended dosage of ROZLYTREK is based on body surface area (BSA) as shown in Table 1 below.
 34 Take ROZLYTREK orally once daily with or without food until disease progression or unacceptable toxicity.

35 **Table 1: Dosing in Pediatric Patients 12 Years and Older (Adolescents)**

| Body Surface Area (BSA) | Recommended Dosage (Orally once daily) |
|----------------------------------|--|
| Greater than 1.50 m ² | 600 mg |
| 1.11 to 1.50 m ² | 500 mg |
| 0.91 to 1.10 m ² | 400 mg |

36 **2.4 Dosage Modifications for Adverse Reactions**

37 The recommended dosage reductions for adverse reactions are provided in Table 2.

38 **Table 2: Recommended Dose Reductions for ROZLYTREK Adverse Reactions**

| Action | Adults and Pediatric Patients 12 Years and Older with BSA Greater than 1.50 m ² (Orally once daily) | Pediatric Patients 12 Years and Older with BSA of 1.11 to 1.50 m ² (Orally once daily) | Pediatric Patients 12 Years and Older with BSA of 0.91 to 1.10 m ² (Orally once daily) |
|------------------------|--|---|---|
| First dose reduction | 400 mg | 400 mg | 300 mg |
| Second dose reduction* | 200 mg | 200 mg | 200 mg |

39 *For a subsequent modification, permanently discontinue ROZLYTREK in patients who are unable to tolerate
 40 ROZLYTREK after two dose reductions.

41 Table 3 describes dosage modifications for specific adverse reactions.

42 **Table 3: Recommended Dosage Modifications for ROZLYTREK for Adverse Reactions**

| Adverse Reaction | Severity* | Dosage Modification |
|---|---------------------|---|
| Congestive Heart Failure <i>[see Warnings and Precautions (5.1)]</i> | Grade 2 or 3 | <ul style="list-style-type: none"> Withhold ROZLYTREK until recovered to less than or equal to Grade 1. Resume at reduced dose. |
| | Grade 4 | <ul style="list-style-type: none"> Permanently discontinue ROZLYTREK. |
| Central Nervous System Effects <i>[see Warnings and Precautions (5.2)]</i> | Intolerable Grade 2 | <ul style="list-style-type: none"> Withhold ROZLYTREK until recovery to less than or equal to Grade 1 or to baseline. Resume at same dose or reduced dose, as clinically appropriate. |
| | Grade 3 | <ul style="list-style-type: none"> Withhold ROZLYTREK until recovery to less than or equal to Grade 1 or to baseline. Resume at reduced dose. |
| | Grade 4 | <ul style="list-style-type: none"> Permanently discontinue ROZLYTREK. |
| Hepatotoxicity <i>[see Warnings and Precautions (5.4)]</i> | Grade 3 | <ul style="list-style-type: none"> Withhold ROZLYTREK until recovery to less than or equal to Grade 1 or to baseline. Resume at same dose if resolution occurs within 4 weeks. |

| Adverse Reaction | Severity* | Dosage Modification |
|---|--|--|
| | | <ul style="list-style-type: none"> Permanently discontinue if adverse reaction does not resolve within 4 weeks. Resume at a reduced dose for recurrent Grade 3 events that resolve within 4 weeks. |
| | Grade 4 | <ul style="list-style-type: none"> Withhold ROZLYTREK until recovery to less than or equal to Grade 1 or to baseline. Resume at reduced dose if resolution occurs within 4 weeks. Permanently discontinue if adverse reaction does not resolve within 4 weeks. Permanently discontinue for recurrent Grade 4 events. |
| | ALT or AST greater than 3 times ULN with concurrent total bilirubin greater than 1.5 times ULN (in the absence of cholestasis or hemolysis). | <ul style="list-style-type: none"> Permanently discontinue ROZLYTREK. |
| Hyperuricemia <i>[see Warnings and Precautions (5.5)]</i> | Symptomatic or Grade 4 | <ul style="list-style-type: none"> Initiate urate-lowering medication. Withhold ROZLYTREK until improvement of signs or symptoms. Resume ROZLYTREK at same or reduced dose. |
| QT Interval Prolongation <i>[see Warnings and Precautions (5.6)]</i> | QTc greater than 500 ms | <ul style="list-style-type: none"> Withhold ROZLYTREK until QTc interval recovers to baseline. Resume at same dose if factors that cause QT prolongation are identified and corrected. Resume at reduced dose if other factors that cause QT prolongation are <u>not</u> identified. |
| | Torsade de pointes; polymorphic ventricular tachycardia; signs/symptoms of serious arrhythmia | <ul style="list-style-type: none"> Permanently discontinue ROZLYTREK. |
| Vision Disorders <i>[see Warnings and Precautions (5.7)]</i> | Grade 2 or above | <ul style="list-style-type: none"> Withhold ROZLYTREK until improvement or stabilization. Resume at same dose or reduced dose, as clinically appropriate. |
| Anemia or Neutropenia <i>[see Adverse Reactions (6.1)]</i> | Grade 3 or 4 | <ul style="list-style-type: none"> Withhold ROZLYTREK until recovery to less than or equal to Grade 2. Resume at the same dose or reduced dose, as clinically appropriate. |

| Adverse Reaction | Severity* | Dosage Modification |
|---|--------------|--|
| Other Clinically Relevant Adverse Reactions | Grade 3 or 4 | <ul style="list-style-type: none"> • Withhold ROZLYTREK until adverse reaction resolves or improves to recovery or improvement to Grade 1 or baseline. • Resume at the same or reduced dose, if resolution occurs within 4 weeks. • Permanently discontinue if adverse reaction does not resolve within 4 weeks. • Permanently discontinue for recurrent Grade 4 events. |

*Severity as defined by National Cancer Institute Common Terminology Criteria for Adverse Events (NCI CTCAE) version 4.0.

2.5 Dosage Modifications for Drug Interactions

Moderate and Strong CYP3A Inhibitors

Adults and Pediatric Patients 12 Years and Older with BSA Greater than 1.50 m²

Avoid coadministration of ROZLYTREK with moderate or strong CYP3A inhibitors. If coadministration cannot be avoided, reduce the ROZLYTREK dose as follows:

- *Moderate CYP3A Inhibitors:* 200 mg orally once daily
- *Strong CYP3A Inhibitors:* 100 mg orally once daily

After discontinuation of a strong or moderate CYP3A inhibitor for 3 to 5 elimination half-lives, resume the ROZLYTREK dose that was taken prior to initiating the CYP3A inhibitor [see *Drug Interactions (7.1)*, *Clinical Pharmacology (12.3)*].

2.6 Administration

Swallow capsules whole. Do not open, crush, chew, or dissolve the contents of the capsule.

If a patient misses a dose, instruct patients to make up that dose unless the next dose is due within 12 hours.

If a patient vomits immediately after taking a dose, instruct patients to repeat that dose.

3 DOSAGE FORMS AND STRENGTHS

Hard capsules:

- 100 mg: Size 2 yellow opaque body and cap, with “ENT 100” printed in blue ink on body.
- 200 mg: Size 0 orange opaque body and cap, with “ENT 200” printed in blue ink on body.

4 CONTRAINDICATIONS

None.

5 WARNINGS AND PRECAUTIONS

5.1 Congestive Heart Failure

Among the 355 patients who received ROZLYTREK across clinical trials, congestive heart failure (CHF) occurred in 3.4% of patients, including Grade 3 (2.3%) [see *Adverse Reactions (6.1)*]. In clinical trials, baseline cardiac function and routine cardiac monitoring other than electrocardiograms (ECGs) were not conducted and eligibility criteria excluded patients with symptomatic CHF, myocardial infarction, unstable angina, and coronary artery bypass graft within 3 months of study entry. Among the 12 patients with CHF, the median time to onset was 2 months (range: 11 days to 12 months). ROZLYTREK was interrupted in 6 of these patients (50%) and discontinued in 2 of these patients (17%). CHF resolved in 6 patients (50%) following interruption or discontinuation of ROZLYTREK and institution of appropriate medical management. In addition, myocarditis in the absence of CHF was documented in 0.3% of patients.

75 Assess left ventricular ejection fraction (LVEF) prior to initiation of ROZLYTREK in patients with symptoms
76 or known risk factors for CHF. Monitor patients for clinical signs and symptoms of CHF, including shortness of
77 breath and edema. For patients with myocarditis, with or without a decreased ejection fraction, MRI or cardiac
78 biopsy may be required to make the diagnosis. For patients with new onset or worsening CHF, withhold
79 ROZLYTREK, institute appropriate medical management, and reassess LVEF. Based on the severity of CHF or
80 worsening LVEF, resume ROZLYTREK at a reduced dose upon recovery to baseline or permanently
81 discontinue [see *Dosage and Administration (2.4)*].

82 **5.2 Central Nervous System Effects**

83 A broad spectrum of central nervous system (CNS) adverse reactions occurred in patients receiving
84 ROZLYTREK, including cognitive impairment, mood disorders, dizziness, and sleep disturbances.

85 Among the 355 patients who received ROZLYTREK across clinical trials, 96 (27%) experienced cognitive
86 impairment; symptoms occurred within 3 months of starting ROZLYTREK in 74 (77%). Cognitive impairment
87 included cognitive disorders (8%), confusional state (7%), disturbance in attention (4.8%), memory impairment
88 (3.7%), amnesia (2.5%), aphasia (2.3%), mental status changes (2%), hallucinations (1.1%), and delirium
89 (0.8%). Grade 3 cognitive adverse reactions occurred in 4.5% of patients. Among the 96 patients with cognitive
90 impairment, 13% required a dose reduction, 18% required dose interruption and 1% discontinued
91 ROZLYTREK due to cognitive adverse reactions.

92 Among the 355 patients who received ROZLYTREK across clinical trials, 36 (10%) experienced mood
93 disorders. The median time to onset of mood disorders was 1 month (range: 1 day to 9 months). Mood disorders
94 occurring in $\geq 1\%$ of patients included anxiety (4.8%), depression (2.8%) and agitation (2%). Grade 3 mood
95 disorders occurred in 0.6% of patients. One completed suicide was reported 11 days after treatment had ended.
96 Among the 36 patients who experienced mood disorders, 6% required a dose reduction, 6% required dose
97 interruption and no patients discontinued ROZLYTREK due to mood disorders.

98 Dizziness occurred in 136 (38%) of the 355 patients. Among the 136 patients who experienced dizziness, Grade
99 3 dizziness occurred in 2.2% of patients. Ten percent of patients required a dose reduction, 7% required dose
100 interruption and 0.7% discontinued ROZLYTREK due to dizziness.

101 Among the 355 patients who received ROZLYTREK across clinical trials, 51 (14%) experienced sleep
102 disturbances. Sleep disturbances included insomnia (7%), somnolence (7%), hypersomnia (1.1%), and sleep
103 disorder (0.3%). Grade 3 sleep disturbances occurred in 0.6% of patients. Among the 51 patients who
104 experienced sleep disturbances, 6% required a dose reduction and no patients discontinued ROZLYTREK due
105 to sleep disturbances.

106 The incidence of CNS adverse reactions was similar in patients with and without CNS metastases; however, the
107 incidence of dizziness (38% vs 31%), headache (21% vs 13%), paresthesia (20% vs 6%), balance disorder (13%
108 vs 4%), and confusional state (11% vs 2%) appeared to be increased in patients with CNS metastases who had
109 received prior CNS irradiation (N = 90) compared to those who did not (N = 48).

110 Advise patients and caregivers of these risks with ROZLYTREK. Advise patients not to drive or operate
111 hazardous machinery if they are experiencing CNS adverse reactions. Withhold and then resume at same or
112 reduced dose upon improvement, or permanently discontinue ROZLYTREK based on severity [see *Dosage and*
113 *Administration (2.4)*].

114 **5.3 Skeletal Fractures**

115 ROZLYTREK increases the risk of fractures. In an expanded safety population that included 338 adult patients
116 and 30 pediatric patients who received ROZLYTREK across clinical trials, 5% of adult patients and 23% of
117 pediatric patients experienced fractures [see *Use in Specific Population (8.4)*]. In adult patients, some fractures
118 occurred in the setting of a fall or other trauma to the affected area, while in pediatric patients all fractures
119 occurred in patients with minimal or no trauma. In general, there was inadequate assessment for tumor
120 involvement at the site of fracture; however, radiologic abnormalities possibly indicative of tumor involvement
121 were reported in some patients. In both adult and pediatric patients, most fractures were hip or other lower

122 extremity fractures (e.g., femoral or tibial shaft). In a limited number of patients, bilateral femoral neck
123 fractures occurred. The median time to fracture was 3.8 months (range 0.3 to 18.5 months) in adults and 4.0
124 months (range: 1.8 months to 7.4 months) in pediatric patients. ROZLYTREK was interrupted in 41% of adults
125 and 43% of pediatric patients due to fractures. No patients discontinued ROZLYTREK due to fractures.

126 Promptly evaluate patients with signs or symptoms (e.g., pain, changes in mobility, deformity) of fractures.
127 There are no data on the effects of ROZLYTREK on healing of known fractures and risk of future fractures.

128 **5.4 Hepatotoxicity**

129 Among the 355 patients who received ROZLYTREK, increased AST of any grade occurred in 42% of patients
130 and increased ALT of any grade occurred in 36%. Grade 3 – 4 increased AST or ALT occurred in 2.5% and
131 2.8% of patients, respectively; the incidence may be underestimated as 4.5% of patients had no post-treatment
132 liver function tests [see *Adverse Reactions (6.1)*]. The median time to onset of increased AST was 2 weeks
133 (range: 1 day to 29.5 months). The median time to onset of increased ALT was 2 weeks (range: 1 day to 9.2
134 months). Increased AST or ALT leading to dose interruptions or reductions occurred in 0.8% and 0.8% of
135 patients, respectively. ROZLYTREK was discontinued due to increased AST or ALT in 0.8% patients.

136 Monitor liver tests, including ALT and AST, every 2 weeks during the first month of treatment, then monthly
137 thereafter, and as clinically indicated. Withhold or permanently discontinue ROZLYTREK based on the
138 severity. If withheld, resume ROZLYTREK at the same or reduced dose [see *Dosage and Administration*
139 *(2.4)*].

140 **5.5 Hyperuricemia**

141 Among 355 patients who received ROZLYTREK across clinical trials, 32 patients (9%) experienced
142 hyperuricemia reported as adverse reactions with symptoms, as well as elevated uric acid levels. Grade 4
143 hyperuricemia occurred in 1.7% of patients, including one patient who died due to tumor lysis syndrome.
144 Among the 32 patients with hyperuricemic adverse reactions, 34% required urate-lowering medication to reduce
145 uric acid levels, 6% required dose reduction and 6% required dose interruption. Hyperuricemia resolved in 73%
146 of patients following initiation of urate-lowering medication without interruption or dose reduction of
147 ROZLYTREK. No patients discontinued ROZLYTREK due to hyperuricemia.

148 Assess serum uric acid levels prior to initiating ROZLYTREK and periodically during treatment. Monitor
149 patients for signs and symptoms of hyperuricemia. Initiate treatment with urate-lowering medications as
150 clinically indicated and withhold ROZLYTREK for signs and symptoms of hyperuricemia. Resume
151 ROZLYTREK at same or reduced dose upon improvement of signs or symptoms based on severity [see *Dosage*
152 *and Administration (2.4)*].

153 **5.6 QT Interval Prolongation**

154 Among the 355 patients who received ROZLYTREK across the clinical trials, 3.1% of patients with at least one
155 post-baseline ECG assessment experienced QTcF interval prolongation of > 60 ms after starting ROZLYTREK
156 and 0.6% had a QTcF interval > 500 ms [see *Adverse Reactions (6.1)*, *Clinical Pharmacology (12.2)*].

157 Monitor patients who already have or who are at significant risk of developing QTc interval prolongation,
158 including patients with known long QT syndromes, clinically significant bradyarrhythmias, severe or
159 uncontrolled heart failure and those taking other medicinal products associated with QT prolongation. Assess
160 QT interval and electrolytes at baseline and periodically during treatment, adjusting frequency based upon risk
161 factors such as congestive heart failure, electrolyte abnormalities, or concomitant medications known to prolong
162 the QTc interval. Based on the severity of QTc interval prolongation, withhold ROZLYTREK and then resume
163 at same or reduced dose, or permanently discontinue [see *Dosage and Administration (2.4)*].

164 5.7 Vision Disorders

165 Among the 355 patients who received ROZLYTREK across clinical trials, vision changes occurred in 21% of
166 patients, including Grade 1 (17%), Grade 2 (2.8%) and Grade 3 (0.8%) [see Adverse Reactions (6.1)]. Vision
167 disorders occurring in $\geq 1\%$ included blurred vision (9%), photophobia (5%), diplopia (3.1%), visual
168 impairment (2%), photopsia (1.1%), cataract (1.1%), and vitreous floaters (1.1%).

169 For patients with new visual changes or changes that interfere with activities of daily living, withhold
170 ROZLYTREK until improvement or stabilization and conduct an ophthalmological evaluation as clinically
171 appropriate. Upon improvement or stabilization, resume ROZLYTREK at same or reduced dose [see Dosage
172 and Administration (2.4)].

173 5.8 Embryo-Fetal Toxicity

174 Based on literature reports in humans with congenital mutations leading to changes in TRK signaling, findings
175 from animal studies, and its mechanism of action, ROZLYTREK can cause fetal harm when administered to a
176 pregnant woman. Administration of entrectinib to pregnant rats resulted in malformations at exposures
177 approximately 2.7 times the human exposure at the 600 mg dose based on area under the curve (AUC).

178 Advise pregnant women of the potential risk to a fetus. Advise female patients of reproductive potential to use
179 effective contraception during treatment with ROZLYTREK and for 5 weeks following the final dose. Advise
180 males with female partners of reproductive potential to use effective contraception during treatment with
181 ROZLYTREK and for 3 months after the final dose [see Use in Specific Populations (8.1, 8.3)].

182 6 ADVERSE REACTIONS

183 The following clinically significant adverse reactions are described elsewhere in the labeling:

- 184 • Congestive Heart Failure [see Warnings and Precautions (5.1)]
- 185 • Central Nervous System Effects [see Warnings and Precautions (5.2)]
- 186 • Skeletal Fractures [see Warnings and Precautions (5.3)]
- 187 • Hepatotoxicity [see Warnings and Precautions (5.4)]
- 188 • Hyperuricemia [see Warnings and Precautions (5.5)]
- 189 • QT Interval Prolongation [see Warnings and Precautions (5.6)]
- 190 • Vision Disorders [see Warnings and Precautions (5.7)]

191 6.1 Clinical Trial Experience

192 Because clinical trials are conducted under widely varying conditions, adverse reaction rates observed in the
193 clinical trials of a drug cannot be directly compared to rates in the clinical trials of another drug and may not
194 reflect the rates observed in practice.

195 Data in WARNINGS AND PRECAUTIONS and below reflect exposure to ROZLYTREK in 355 patients,
196 including 172 (48%) patients exposed for 6 months or longer and 84 (24%) patients exposed for 1 year or
197 longer. ROZLYTREK was studied in one dose-finding trial in adults [ALKA (n = 57)], one dose-finding and
198 activity-estimating trial in adults [STARTRK-1 (n = 76)], one dose-finding and activity-estimating trial in
199 pediatric and adult patients [STARTRK-NG (n = 16)], and one single arm, activity-estimating trial in adults
200 [STARTRK-2 (n = 206)].

201 The population characteristics were: median age 55 years (range: 4 to 86 years); 5% (n = 17) were less than 18
202 years of age; 55% were female; and 66% were White, 23% were Asian, and 5% were Black; 3% were
203 Hispanic/Latino. The most common tumors ($\geq 5\%$) were lung (56%), sarcoma (8%), and colon (5%). *ROS1*
204 gene fusions were present in 42% and *NTRK* gene fusions were present in 20%. Most adults (75%) received
205 ROZLYTREK 600 mg orally once daily. The doses ranged from 100 mg/m² to 1600 mg/m² once daily in adults

and 250 mg/m² to 750 mg/m² once daily in pediatric patients. ROZLYTREK is not indicated for pediatric patients less than 12 years of age [see Use in Specific Populations (8.4)].

Serious adverse reactions occurred in 39% of patients. The most frequent serious adverse reactions (≥ 2%) were pneumonia (3.9%), dyspnea (3.7%), pleural effusion (3.4%), sepsis (2.5%), pulmonary embolism (2.3%), respiratory failure (2%), and pyrexia (2%). Grade 3 or 4 adverse reactions occurred in 60% of patients; the most common (≥ 2%) were lung infection (5%), increased weight (7%), dyspnea (6%), fatigue/asthenia (5%), cognitive disorders (4.5%), syncope (2.5%), pulmonary embolism (3.4%), hypoxia (3.4%), pleural effusion (3.1%), hypotension (2.8%), diarrhea (2%), and urinary tract infection (2.5%). Fatal events included dyspnea (0.6%), pneumonia (0.6%), sepsis (0.6%), completed suicide (0.3%), large intestine perforation (0.3%) and tumor lysis syndrome (0.3%). One patient developed Grade 4 myocarditis after one dose of ROZLYTREK which resolved after discontinuation of ROZLYTREK and administration of high-dose corticosteroids.

Permanent discontinuation due to an adverse reaction occurred in 9% of patients who received ROZLYTREK. The most frequent adverse reactions (< 1% each) that resulted in permanent discontinuation were pneumonia, cardio-respiratory arrest, dyspnea, and fatigue.

Dose interruptions due to adverse reactions occurred in 46% of patients. The most frequent adverse reactions (≥ 2%) that resulted in interruption were increased blood creatinine (4%), fatigue (3.7%), anemia (3.1%), diarrhea (2.8%), pyrexia (2.8%), dizziness (2.5%), dyspnea (2.3%), nausea (2.3%), pneumonia (2.3%), cognitive disorder (2%) and neutropenia (2%).

Dose reductions due to adverse reactions occurred in 29% of patients who received ROZLYTREK. The most frequent adverse reactions resulting in dose reductions (≥ 1%) were dizziness (3.9%), increased blood creatinine (3.1%), fatigue (2.3%), anemia (1.7%), and increased weight (1.4%).

The most common adverse reactions (≥ 20%) were fatigue, constipation, dysgeusia, edema, dizziness, diarrhea, nausea, dysesthesia, dyspnea, myalgia, cognitive impairment, increased weight, cough, vomiting, pyrexia, arthralgia and vision disorders.

Table 4 summarizes the adverse reactions observed in these 355 patients.

Table 4: Adverse Reactions (≥ 10%) in Patients Receiving ROZLYTREK in ALKA, STARTRK-1, STARTRK-2, and STARTRK-NG

| Adverse Reactions | ROZLYTREK N = 355 | |
|--|----------------------|----------------|
| | All Grades (%) | Grade ≥ 3* (%) |
| General | | |
| Fatigue ¹ | 48 | 5 |
| Edema ² | 40 | 1.1 |
| Pyrexia | 21 | 0.8 |
| Gastrointestinal | | |
| Constipation | 46 | 0.6 |
| Diarrhea | 35 | 2.0 |
| Nausea | 34 | 0.3 |
| Vomiting | 24 | 0.8 |
| Abdominal pain ³ | 16 | 0.6 |
| Nervous System | | |
| Dysgeusia | 44 | 0.3 |
| Dizziness ⁴ | 38 | 0.8 |
| Dysesthesia ⁵ | 34 | 0.3 |
| Cognitive impairment ⁶ | 27 | 4.5 |
| Peripheral sensory neuropathy ⁷ | 18 | 1.1 |
| Headache | 18 | 0.3 |
| Ataxia ⁸ | 17 | 0.8 |
| Sleep ⁹ | 14 | 0.6 |

| Adverse Reactions | ROZLYTREK N = 355 | |
|--|----------------------|----------------|
| | All Grades (%) | Grade ≥ 3* (%) |
| Mood disorders ¹⁰ | 10 | 0.6 |
| Respiratory, Thoracic and Mediastinal | | |
| Dyspnea | 30 | 6* |
| Cough | 24 | 0.3 |
| Musculoskeletal and Connective Tissue | | |
| Myalgia ¹¹ | 28 | 1.1 |
| Arthralgia | 21 | 0.6 |
| Muscular weakness | 12 | 0.8 |
| Back pain | 12 | 1 |
| Pain in extremity | 11 | 0.3 |
| Metabolism and Nutritional | | |
| Increased weight | 25 | 7 |
| Decreased appetite | 13 | 0.3 |
| Dehydration | 10 | 1.1 |
| Eye | | |
| Vision disorders ¹² | 21 | 0.8 |
| Infections | | |
| Urinary tract infection | 13 | 2.3 |
| Lung infection ¹³ | 10 | 6* |
| Vascular | | |
| Hypotension ¹⁴ | 18 | 2.8 |
| Skin and Subcutaneous Tissue | | |
| Rash ¹⁵ | 11 | 0.8 |

* Grades 3 – 5, inclusive of fatal adverse reactions, including 2 events of pneumonia and 2 events of dyspnea.

¹Includes fatigue, asthenia

²Includes face edema, fluid retention, generalized edema, localized edema, edema, edema peripheral, peripheral swelling

³Includes abdominal pain upper, abdominal pain, lower abdominal discomfort, abdominal tenderness

⁴Includes dizziness, vertigo, dizziness postural

⁵Includes paresthesia, hyperesthesia, hypoesthesia, dysesthesia, oral hypoesthesia, palmar-plantar erythrodysesthesia, oral paresthesia, genital hypoesthesia

⁶Includes amnesia, aphasia, cognitive disorder, confusional state, delirium, disturbance in attention, hallucinations, visual hallucination, memory impairment, mental disorder, mental status changes

⁷Includes neuralgia, neuropathy peripheral, peripheral motor neuropathy, peripheral sensory neuropathy

⁸Includes ataxia, balance disorder, gait disturbances

⁹Includes hypersomnia, insomnia, sleep disorder, somnolence

¹⁰Includes anxiety, affect lability, affective disorder, agitation, depressed mood, euphoric mood, mood altered, mood swings, irritability, depression, persistent depressive disorder, psychomotor retardation

¹¹Includes musculoskeletal pain, musculoskeletal chest pain, myalgia, neck pain

¹²Includes blindness, cataract, cortical cataract, corneal erosion, diplopia, eye disorder, photophobia, photopsia, retinal hemorrhage, vision blurred, visual impairment, vitreous adhesions, vitreous detachment, vitreous floaters

¹³Includes lower respiratory tract infection, lung infection, pneumonia, respiratory tract infection

¹⁴Includes hypotension, orthostatic hypotension

¹⁵Includes rash, rash maculopapular, rash pruritic, rash erythematous, rash papular

Clinically relevant adverse reactions occurring in ≤ 10% of patients include dysphagia (10%), fall (8%), pleural effusion (8%), fractures (6%), hypoxia (4.2%), pulmonary embolism (3.9%), syncope (3.9%), congestive heart failure (3.4%), and QT prolongation (3.1%).

Table 5 summarizes the laboratory abnormalities.

Table 5: Laboratory Abnormalities (≥ 20%) Worsening from Baseline in Patients Receiving ROZLYTREK in ALKA, STARTRK-1, STARTRK-2, and STARTRK-NG

| Laboratory Abnormality | ROZLYTREK NCI CTCAE Grade | |
|-----------------------------------|------------------------------|-------------------------------|
| | All Grades (%) ¹ | Grade 3 or 4 (%) ¹ |
| Hematology | | |
| Anemia | 67 | 9 |
| Lymphopenia | 40 | 12 |
| Neutropenia | 28 | 7 |
| Chemistry | | |
| Increased creatinine ² | 73 | 2.1 |
| Hyperuricemia | 52 | 10 |
| Increased AST | 44 | 2.7 |
| Increased ALT | 38 | 2.9 |
| Hypernatremia | 35 | 0.9 |
| Hypocalcemia | 34 | 1.8 |
| Hypophosphatemia | 30 | 7 |
| Increased lipase | 28 | 10 |
| Hypoalbuminemia | 28 | 2.9 |
| Increased amylase | 26 | 5.4 |
| Hyperkalemia | 25 | 1.5 |
| Increased alkaline phosphatase | 25 | 0.9 |
| Hyperglycemia ³ | NE ³ | 3.8 |

AST: Aspartate Aminotransferase; ALT: Alanine Aminotransferase

¹ Denominator for each laboratory parameter is based on the number of patients with a baseline and post-treatment laboratory value available which ranged from 111 to 346 patients.

² Based on NCI CTCAE v5.0

³ NE = Not evaluable. Grade 1 and 2 could not be determined per NCI CTCAE v5.0, as fasting glucose values were not collected.

7 DRUG INTERACTIONS

7.1 Effect of Other Drugs on ROZLYTREK

Moderate and Strong CYP3A Inhibitors

Adults and Pediatric Patients 12 Years and Older with BSA Greater than 1.50 m²

Coadministration of ROZLYTREK with a strong or moderate CYP3A inhibitor increases entrectinib plasma concentrations [see *Clinical Pharmacology (12.3)*], which could increase the frequency or severity of adverse reactions. Avoid coadministration of strong or moderate CYP3A inhibitors with ROZLYTREK. If coadministration is unavoidable, reduce the ROZLYTREK dose [see *Dosage and Administration (2.5)*, *Clinical Pharmacology (12.3)*].

Pediatric Patients 12 Years and Older with BSA Less Than or Equal to 1.50 m²

Avoid coadministration of ROZLYTREK with moderate or strong CYP3A inhibitors [see *Clinical Pharmacology (12.3)*].

Avoid grapefruit products during treatment with ROZLYTREK, as they contain inhibitors of CYP3A.

Moderate and Strong CYP3A Inducers

Coadministration of ROZLYTREK with a strong or moderate CYP3A inducer decreases entrectinib plasma concentrations [see *Clinical Pharmacology (12.3)*], which may reduce ROZLYTREK efficacy. Avoid coadministration of strong and moderate CYP3A inducers with ROZLYTREK.

258 **7.2 Drugs That Prolong QT Interval**

259 QTc interval prolongation can occur with ROZLYTREK. Avoid coadministration of ROZLYTREK with other
260 products with a known potential to prolong QT/QTc interval [see *Warnings and Precautions (5.6), Clinical*
261 *Pharmacology (12.2)*].

262 **8 USE IN SPECIFIC POPULATIONS**

263 **8.1 Pregnancy**

264 Risk Summary

265 Based on literature reports in humans with congenital mutations leading to changes in TRK signaling, findings
266 from animal studies, and its mechanism of action [see *Clinical Pharmacology (12.1)*], ROZLYTREK can cause
267 fetal harm when administered to a pregnant woman. There are no available data on ROZLYTREK use in
268 pregnant women. Administration of entrectinib to pregnant rats during the period of organogenesis resulted in
269 malformations at maternal exposures approximately 2.7 times the human exposure at the 600 mg dose (see
270 *Data*). Advise pregnant women of the potential risk to a fetus.

271 In the U.S. general population, the estimated background risk of major birth defects and miscarriage in
272 clinically recognized pregnancies is 2% to 4% and 15% to 20%, respectively.

273 Data

274 *Human Data*

275 Published reports of individuals with congenital mutations in TRK pathway proteins suggest that decreases in
276 TRK-mediated signaling are correlated with obesity, developmental delays, cognitive impairment, insensitivity
277 to pain, and anhidrosis.

278 *Animal Data*

279 Entrectinib administration to pregnant rats during the period of organogenesis at a dose of 200 mg/kg [resulting
280 in exposures up to 2.7 times the human exposure (AUC) at the 600 mg dose] resulted in maternal toxicity and
281 fetal malformations including body closure defects (omphalocele and gastroschisis) and malformations of the
282 vertebrae, ribs, and limbs (micromelia and adactyly), but not embryoletality. Lower fetal weights and reduced
283 skeletal ossification occurred at doses \geq 12.5 and 50 mg/kg [approximately 0.2 and 0.9 times the human
284 exposure (AUC) at the 600 mg dose], respectively.

285 **8.2 Lactation**

286 Risk Summary

287 There are no data on the presence of entrectinib or its metabolites in human milk or their effects on either the
288 breastfed child or on milk production. Because of the potential adverse reactions in breastfed children from
289 ROZLYTREK, advise a lactating woman to discontinue breastfeeding during treatment with ROZLYTREK and
290 for 7 days after the final dose.

291 **8.3 Females and Males of Reproductive Potential**

292 Pregnancy Testing

293 Verify the pregnancy status of females of reproductive potential prior to initiating ROZLYTREK [see *Use in*
294 *Specific Populations (8.1)*].

295 Contraception

296 ROZLYTREK can cause embryo-fetal harm when administered to a pregnant woman [see *Use in Specific*
297 *Populations (8.1)*].

298 *Females*

299 Advise female patients of reproductive potential to use effective contraception during treatment with
300 ROZLYTREK and for at least 5 weeks following the final dose [see *Use in Specific Populations (8.1)*].

301 *Males*

302 Advise male patients with female partners of reproductive potential to use effective contraception during
303 treatment with ROZLYTREK and for 3 months following the final dose [see *Nonclinical Toxicology (13.1)*].

304 **8.4 Pediatric Use**

305 The safety and effectiveness of ROZLYTREK in pediatric patients aged 12 years and older with solid tumors
306 that have an *NTRK* gene fusion have been established. The effectiveness of ROZLYTREK in adolescent
307 patients was established based on extrapolation of data from three open-label, single-arm clinical trials in adult
308 patients with solid tumors harboring an *NTRK* gene fusion (ALKA, STARTRK-1, and STARTRK-2) and
309 pharmacokinetic data in adolescents enrolled in STARTRK-NG. ROZLYTREK doses based on body surface
310 area in pediatric patients 12 years and older resulted in similar systemic exposure compared to that in adults
311 who received a ROZLYTREK dose of 600 mg [see *Dosage and Administration (2.3)*, *Adverse Reactions (6.1)*,
312 *Clinical Pharmacology (12.3)*, *Clinical Studies (14.2)*].

313 There is limited clinical experience with ROZLYTREK in pediatric patients. The safety of ROZLYTREK in
314 pediatric patients 12 years of age and older was established based on extrapolation of data in adults and data
315 from 30 pediatric patients enrolled in STARTRK-NG. Of these 30 patients, 7% were < 2 years (n = 2), 77%
316 were 2 to < 12 years (n = 23), 17% were 12 to < 18 years (n = 5); 57% had metastatic disease (n = 17) and 44%
317 had locally advanced disease (n = 13); and all patients had received prior treatment for their cancer, including
318 surgery, radiotherapy, or systemic therapy. The most common cancers were neuroblastoma (47%), primary
319 CNS tumors (30%), and sarcoma (10%). The median duration of exposure for all pediatric patients was 4.2
320 months (range: 0.2 to 22.7 months).

321 Due to the small number of pediatric and adult patients, the single arm design of clinical studies of
322 ROZLYTREK, and confounding factors such as differences in susceptibility to infections between pediatric and
323 adult patients, it is not possible to determine whether the observed differences in the incidence of adverse
324 reactions to ROZLYTREK are related to patient age or other factors. In an expanded safety database that
325 included 338 adult patients and 30 pediatric patients who received ROZLYTREK across clinical trials, the
326 Grade 3 or 4 adverse reactions and laboratory abnormalities that occurred more frequently ($\geq 5\%$) in pediatric
327 patients (n = 30) compared with adults (n = 338) were neutropenia (27% vs 2%), bone fractures (23% vs 5%),
328 increased weight (20% vs 7%), thrombocytopenia (10% vs 0.3%), lymphopenia (7% vs 1%), increased gamma-
329 glutamyl transferase (7% vs 0%), and device-related infection (7% vs 0.3%). Three pediatric patients
330 discontinued ROZLYTREK due to an adverse reaction (Grade 4 pulmonary edema, Grade 3 dyspnea, and
331 Grade 4 pancreatitis).

332 The safety and effectiveness of ROZLYTREK in pediatric patients less than 12 years of age with solid tumors
333 who have an *NTRK* gene fusion have not been established.

334 The safety and effectiveness of ROZLYTREK in pediatric patients with *ROS1*-positive NSCLC have not been
335 established.

336 Juvenile Animal Toxicity Data

337 In a 13-week juvenile rat toxicology study, animals were dosed daily from post-natal day 7 to day 97
338 (approximately equivalent to neonate to adulthood). Entrectinib resulted in:

- 339 • decreased body weight gain and delayed sexual maturation at doses ≥ 4 mg/kg/day (approximately
340 0.06 times the human exposure (AUC) at the 600 mg dose),
- 341 • deficits in neurobehavioral assessments including functional observational battery and learning and memory
342 (at doses ≥ 8 mg/kg/day, approximately 0.14 times the human exposure at the 600 mg dose), and
- 343 • decreased femur length at doses ≥ 16 mg/kg/day (approximately 0.18 times the human exposure at the 600
344 mg dose).

345 **8.5 Geriatric Use**

346 Of the 355 patients who received ROZLYTREK across clinical trials, 25% were 65 years or older, and 5% were
347 75 years of age or older. Clinical studies of ROZLYTREK did not include sufficient numbers of geriatric
348 patients to determine whether they respond differently from younger patients.

349 **8.6 Renal Impairment**

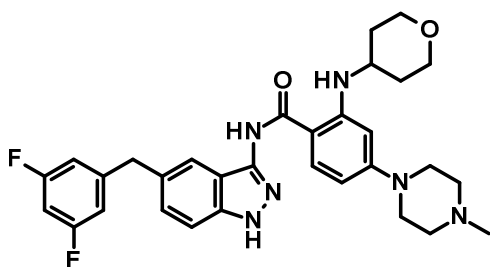
350 No dose adjustment is recommended for patients with mild or moderate renal impairment (CLcr 30 to < 90
351 mL/min calculated by Cockcroft-Gault equation). ROZLYTREK has not been studied in patients with severe
352 renal impairment (CLcr < 30 mL/min) [see *Clinical Pharmacology (12.3)*].

353 **8.7 Hepatic Impairment**

354 No dose adjustment is recommended for patients with mild (total bilirubin ≤ 1.5 times ULN) hepatic impairment.
355 ROZLYTREK has not been studied in patients with moderate (total bilirubin > 1.5 to 3 times ULN) and severe
356 (total bilirubin > 3 times ULN) hepatic impairment [see *Clinical Pharmacology (12.3)*].

357 **11 DESCRIPTION**

358 Entrectinib is a kinase inhibitor. The molecular formula for entrectinib is $C_{31}H_{34}F_2N_6O_2$ and the molecular
359 weight is 560.64 Daltons. The chemical name is N-[5-(3,5-difluorobenzyl)-1H-indazol-3-yl]-4-(4-
360 methylpiperazin-1-yl)-2-(tetrahydro-2H-pyran-4-ylamino) benzamide. The chemical structure of entrectinib is
361 as follows:



362 Entrectinib is white to pale pink powder.

363 ROZLYTREK (entrectinib) capsules for oral use are supplied as printed hard-shell capsules containing 100 mg
364 (yellow opaque HPMC capsule) or 200 mg of entrectinib (orange opaque HPMC capsule). Inactive ingredients
365 are tartaric acid, lactose anhydrous, hypromellose, croscopovidone, microcrystalline cellulose, colloidal silicon
366 dioxide, and magnesium stearate.

367 The yellow opaque capsule shell contains hypromellose, titanium dioxide, and yellow iron oxide. The orange
368 opaque capsule shell contains hypromellose, titanium dioxide, and FD&C yellow #6. The printing ink contains
369 shellac, propylene glycol, strong ammonia solution, and FD&C blue #2 aluminum lake.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Entrectinib is an inhibitor of the tropomyosin receptor tyrosine kinases (TRK) TRKA, TRKB, and TRKC (encoded by the neurotrophic tyrosine receptor kinase [*NTRK*] genes *NTRK1*, *NTRK2*, and *NTRK3*, respectively), proto-oncogene tyrosine-protein kinase ROS1 (ROS1), and anaplastic lymphoma kinase (ALK) with IC₅₀ values of 0.1 to 2 nM. Entrectinib also inhibits JAK2 and TNK2 with IC₅₀ values > 5 nM. The major active metabolite of entrectinib, M5, showed similar in vitro activity against TRK, ROS1, and ALK.

Fusion proteins that include TRK, ROS1, or ALK kinase domains can drive tumorigenic potential through hyperactivation of downstream signaling pathways leading to unconstrained cell proliferation. Entrectinib demonstrated in vitro and in vivo inhibition of cancer cell lines derived from multiple tumor types harboring *NTRK*, *ROS1*, and *ALK* fusion genes.

Entrectinib demonstrated steady-state brain-to-plasma concentration ratios of 0.4 – 2.2 in multiple animal species (mice, rats, and dogs) and demonstrated in vivo anti-tumor activity in mice with intracranial implantation of TRKA- and ALK-driven tumor cell lines.

12.2 Pharmacodynamics

Entrectinib exposure-response relationships and the time course of pharmacodynamic responses are unknown.

Cardiac Electrophysiology

Across clinical trials, 3.1% of 355 patients, who received ROZLYTREK at doses ranging from 100 mg to 2600 mg daily under fasting or fed conditions (75% received 600 mg orally once daily) and had at least one post-baseline ECG assessment, experienced QTcF interval prolongation of > 60 ms after starting ROZLYTREK and 0.6% had a QTc interval > 500 ms [see *Warnings and Precautions (5.6)*].

12.3 Pharmacokinetics

The pharmacokinetics for entrectinib and its pharmacologically active major circulating metabolite M5 were characterized in adult patients with *ROS1*-positive NSCLC, *NTRK* gene fusion-positive solid tumors, and healthy subjects. The pharmacokinetics of entrectinib and M5 are linear and are not dose-dependent or time-dependent. Steady state is achieved within one week for entrectinib and two weeks for M5 following daily administration of ROZLYTREK. The pharmacokinetic parameters for entrectinib and M5 are described in Table 6.

Table 6: Pharmacokinetic Parameters for Entrectinib and Metabolite M5

| Parameter | Entrectinib Mean* (% CV) | M5 Mean* (% CV) |
|--------------------------|-----------------------------|--------------------|
| AUC _{D1} (nM*h) | 31800 (48%) | 10200 (82%) |
| AUC _{ss} (nM*h) | 48000 (77%) | 24000 (97%) |
| C _{maxD1} (nM) | 2250 (58%) | 622 (79%) |
| C _{maxss} (nM) | 3130 (80%) | 1250 (90%) |
| R _{acc(AUC)} | 1.55 (49%) | 2.84 (93%) |

* Geometric mean

Absorption

The maximum entrectinib plasma concentration was reached 4 – 6 hours after oral administration of a 600 mg dose.

Effect of Food

A high-fat (approximately 50% of total caloric content), high-calorie (approximately 800 to 1000 calories) meal did not have a significant effect on entrectinib exposure.

406 Distribution

407 Entrectinib and its active major metabolite M5 are both > 99% bound to human plasma proteins in vitro.
408 The estimated apparent volume of distribution (V/F) was 551 L and 81.1 L for entrectinib and M5, respectively.

409 Elimination

410 The estimated apparent clearance (CL/F) was 19.6 L/h and 52.4 L/h for entrectinib and M5, respectively. The
411 elimination half-lives of entrectinib and M5 were estimated to be 20 and 40 hours, respectively.

412 *Metabolism*

413 Entrectinib is metabolized primarily by CYP3A4 (~76%). The active metabolite M5 (formed by CYP3A4) is
414 the only major active circulating metabolite identified. M5 has similar pharmacological potency to entrectinib in
415 vitro and circulating M5 exposures at steady-state in patients were 40% of the corresponding entrectinib
416 exposure.

417 *Excretion*

418 Following oral administration of a single oral dose of [¹⁴C]-labeled entrectinib, 83% of radioactivity was
419 excreted in feces (36% of the dose as unchanged entrectinib and 22% as M5) with minimal excretion in urine
420 (3%).

421 Specific Populations

422 No clinically significant differences in the pharmacokinetics of entrectinib were observed based on age (12
423 years to 86 years), sex, race (White, Asian and Black), body weight (32 to 130 kg), mild to moderate renal
424 impairment (CL_{cr} 30 to < 90 mL/min) and mild hepatic impairment (total bilirubin ≤ 1.5 times ULN). The impact of
425 moderate to severe hepatic impairment or severe renal impairment on the pharmacokinetics of entrectinib is
426 unknown.

427 *Pediatric Patients*

428 The predicted systemic exposures for body surface area-based doses of 600 mg (BSA > 1.50 m²), 500 mg (BSA
429 of 1.11 to 1.50 m²) and 400 mg (BSA of 0.91 to 1.10 m²) in pediatric patients 12 years and older are comparable
430 to the exposure in adults at the 600 mg dose [see *Use in Specific Populations (8.4)*].

431 Drug Interaction Studies

432 *Clinical Studies*

433 *Effect of CYP3A Inhibitors on Entrectinib:* Coadministration of itraconazole (a strong CYP3A inhibitor) with a
434 single 100 mg ROZLYTREK dose increased entrectinib AUC_{0-∞} by 6-fold and C_{max} by 1.7-fold [see *Drug*
435 *Interactions (7.1)*]. Coadministration of a moderate CYP3A inhibitor with ROZLYTREK is predicted to
436 increase entrectinib AUC_{0-∞} by 3-fold and C_{max} by 2.9-fold.

437 *Effect of CYP3A Inducers on Entrectinib:* Coadministration of rifampin (a strong CYP3A inducer) with a single
438 600 mg ROZLYTREK dose reduced entrectinib AUC_{0-∞} by 77% and C_{max} by 56% [see *Drug Interactions*
439 *(7.1)*]. Coadministration of a moderate CYP3A inducer with ROZLYTREK is predicted to reduce entrectinib
440 AUC_{0-∞} by 56% and C_{max} by 43%.

441 *Effect of Gastric Acid Reducing Drugs on Entrectinib:* Coadministration of a proton pump inhibitor (PPI),
442 lansoprazole with a single 600 mg ROZLYTREK dose reduced entrectinib AUC by 25% and C_{max} by 23%.

443 *Effect of Entrectinib on CYP Substrates:* Coadministration of ROZLYTREK 600 mg once daily with oral
444 midazolam (a sensitive CYP3A substrate) in patients increased the midazolam AUC by 50% but reduced
445 midazolam C_{max} by 21% [see *Drug Interactions (7.1)*].

446 *Effect of Entrectinib on Transporters:* Coadministration of a single 600 mg ROZLYTREK dose with digoxin [a
447 sensitive P-glycoprotein (P-gp) substrate] increased digoxin C_{max} by 28% and AUC by 18%.

449 Entrectinib is not a substrate of P-gp or BCRP, but M5 is a substrate of P-gp and BCRP. Entrectinib and M5 are
450 not substrates of OATP1B1 or OATP1B3.

451 **13 NONCLINICAL TOXICOLOGY**

452 **13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility**

453 Carcinogenicity studies were not conducted with entrectinib. Entrectinib was not mutagenic in vitro in the
454 bacterial reverse mutation (Ames) assay; however, an in vitro assay in cultured human peripheral blood
455 lymphocytes did demonstrate a potential for abnormal chromosome segregation (aneugenicity). Entrectinib was
456 not clastogenic or aneugenic in the in vivo micronucleus assay in rats and did not induce DNA damage in a
457 comet assay in rats.

458 Dedicated fertility studies were not conducted with entrectinib. With the exception of dose-dependent decreases
459 in prostate weight in male dogs, there were no effects on male and female reproductive organs observed in
460 general toxicology studies conducted in rats and dogs at doses resulting in exposures of up to approximately 3.2
461 fold the human exposure (AUC) at the 600 mg dose.

462 **14 CLINICAL STUDIES**

463 **14.1 ROS1-Positive Non-Small Cell Lung Cancer**

464 The efficacy of ROZLYTREK was evaluated in a pooled subgroup of patients with *ROS1*-positive metastatic
465 NSCLC who received ROZLYTREK at various doses and schedules (90% received ROZLYTREK 600 mg
466 orally once daily) and were enrolled in one of three multicenter, single-arm, open-label clinical trials: ALKA,
467 STARTRK-1 (NCT02097810) and STARTRK-2 (NCT02568267). To be included in this pooled subgroup,
468 patients were required to have histologically confirmed, recurrent or metastatic, *ROS1*-positive NSCLC, ECOG
469 performance status ≤ 2 , measurable disease per RECIST v 1.1, ≥ 18 months of follow-up from first post-
470 treatment tumor assessment, and no prior therapy with a ROS1 inhibitor. Identification of *ROS1* gene fusion in
471 tumor specimens was prospectively determined in local laboratories using either a fluorescence in situ
472 hybridization (FISH), next-generation sequencing (NGS), or polymerase chain reaction (PCR) laboratory-
473 developed tests. All patients were assessed for CNS lesions at baseline. The major efficacy outcome measures
474 were overall response rate (ORR) and duration of response (DOR) according to RECIST v1.1 as assessed by
475 blinded independent central review (BICR). Intracranial response according to RECIST v1.1 was assessed by
476 BICR. Tumor assessments with imaging were performed every 8 weeks.

477 Efficacy was assessed in 92 patients with *ROS1*-positive NSCLC. The median age was 53 years (range: 27 to
478 86); female (65%); White (48%), Asian (45%), and Black (5%); and Hispanic or Latino (2.4%); never smoked
479 (59%); and ECOG performance status 0 or 1 (88%). Ninety-nine percent of patients had metastatic disease,
480 including 42% with CNS metastases; 96% had adenocarcinoma; 65% received prior platinum-based
481 chemotherapy for metastatic or recurrent disease and no patient had progressed in less than 6 months following
482 platinum-based adjuvant or neoadjuvant therapy. *ROS1* positivity was determined by NGS in 79%, FISH in
483 16%, and PCR in 4%. Twenty-five percent had central laboratory confirmation of *ROS1* positivity using an
484 analytically validated NGS test.

486 Efficacy results are summarized in Table 7.

487 **Table 7: Efficacy Results in *ROS1*-Positive NSCLC Patients per BICR Assessment**

| Efficacy Parameters | ROZLYTREK N = 92 |
|---------------------------------------|-----------------------------|
| Overall Response Rate (95% CI) | 74% (64, 83) |
| Complete Response | 15% |
| Partial Response | 59% |
| Duration of Response (DOR)* | N = 68 |
| Range (months) | 2.4, 55.2+ |
| % DOR ≥ 9 months | 75% |
| % DOR ≥ 12 months | 57% |
| % DOR ≥ 18 months | 38% |

Confidence Interval (CI) calculated using the Clopper-Pearson method.

* Observed DOR

+ denotes ongoing response

488 Among the 92 patients, 10 had measurable CNS metastases at baseline as assessed by BICR and had not
489 received radiation therapy to the brain within 2 months prior to study entry. Responses in intracranial lesions
490 were observed in 7 of these 10 patients.

491 **14.2 *NTRK* Gene Fusion-Positive Solid Tumors**

492 The efficacy of ROZLYTREK was evaluated in a pooled subgroup of adult patients with unresectable or
493 metastatic solid tumors with a *NTRK* gene fusion enrolled in one of three multicenter, single-arm, open-label
494 clinical trials: ALKA, STARTRK-1 (NCT02097810) and STARTRK-2 (NCT02568267). To be included in this
495 pooled subgroup, patients were required to have progressed following systemic therapy for their disease, if
496 available, or would have required surgery causing significant morbidity for locally advanced disease;
497 measurable disease per RECIST v1.1; at least 2 years of follow-up from first post-treatment tumor assessment;
498 and no prior therapy with a TRK inhibitor. Patients received ROZLYTREK at various doses and schedules
499 (94% received ROZLYTREK 600 mg orally once daily) until unacceptable toxicity or disease progression.
500 Identification of positive *NTRK* gene fusion status was prospectively determined in local laboratories or a
501 central laboratory using various nucleic acid-based tests. The major efficacy outcome measures were ORR and
502 DOR, as determined by a BICR according to RECIST v1.1. Intracranial response according to RECIST v1.1 as
503 evaluated by BICR. Tumor assessments with imaging were performed every 8 weeks.

504 Efficacy was assessed in the first 54 adult patients with solid tumors with an *NTRK* gene fusion enrolled into
505 these trials. The median age was 58 years (range: 21 to 83); female (59%); White (80%), Asian (13%) and
506 Hispanic or Latino (7%); and ECOG performance status 0 (43%) or 1 (46%). Ninety-six percent of patients had
507 metastatic disease, including 22% with CNS metastases, and 4% had locally advanced, unresectable disease. All
508 patients had received prior treatment for their cancer including surgery (n = 43), radiotherapy (n = 36), or
509 systemic therapy (n = 48). Forty patients (74%) received prior systemic therapy for metastatic disease with a
510 median of 1 prior systemic regimen and 17% (n = 9) received 3 or more prior systemic regimens. The most
511 common cancers were sarcoma (24%), lung cancer (19%), salivary gland tumors (13%), breast cancer (11%),
512 thyroid cancer (9%), and colorectal cancer (7%). A total of 52 (96%) patients had an *NTRK* gene fusion
513 detected by NGS and 2 (4%) had an *NTRK* gene fusion detected by other nucleic acid-based tests. Eighty-three
514 percent of patients had central laboratory confirmation of *NTRK* gene fusion using an analytically validated
515 NGS test.

516 Efficacy results are summarized in Tables 8, 9, and 10.

517 **Table 8: Efficacy Results for Patients with Solid Tumors Harboring *NTRK* Gene Fusions**

| Efficacy Parameter | ROZLYTREK |
|---------------------------------------|---------------|
| | N = 54 |
| Overall Response Rate (95% CI) | 59% (45, 72) |
| Complete Response | 13% |
| Partial Response | 46% |
| Duration of Response* | N = 32 |
| Range (months) | 2.8, 47.8+ |
| % with duration ≥ 6 months | 72% |
| % with duration ≥ 9 months | 66% |
| % with duration ≥ 12 months | 56% |

* Observed DOR

+ denotes ongoing response

518 **Table 9: Efficacy by Tumor Type**

| Tumor Type | Patients N = 54 | ORR | | DOR |
|----------------------------|--------------------|--------|-----------|----------------|
| | | % | 95% CI | Range (months) |
| Sarcoma | 13 | 46% | 19%, 75% | 2.8, 33.6+ |
| Non-small cell lung cancer | 10 | 60% | 26%, 88% | 3.7, 47.8+ |
| Salivary (MASC) | 7 | 86% | 42%, 100% | 2.8, 38.5+ |
| Breast cancer | 6 | 83% | 36%, 100% | 4.2, 42.3+ |
| Thyroid cancer | 5 | 60% | NA | 7.9, 31.5+ |
| Colorectal cancer | 4 | 25% | NA | 15.1 |
| Neuroendocrine cancers | 3 | CR | NA | 32.9+ |
| Pancreatic cancer | 3 | PR, PR | NA | 7.1, 12.9 |
| Gynecological cancers | 2 | PR | NA | 38.2 |
| Cholangiocarcinoma | 1 | PR | NA | 9.3 |

+ denotes ongoing response

MASC: mammary analogue secretory carcinoma; NA = not applicable; PR = partial response.

519 **Table 10: Efficacy Results by *NTRK* Gene Fusion Partner**

| <i>NTRK</i> Partner | Patients N = 54 | ORR | | DOR |
|---------------------|--------------------|--------|-----------|----------------|
| | | % | 95% CI | Range (months) |
| ETV6 – NTRK3 | 25 | 72% | 51%, 88% | 2.8, 47.8+ |
| TPM3 – NTRK1 | 4 | 50% | 7%, 93% | 2.8, 15.1 |
| TPR – NTRK1 | 4 | 100% | 40%, 100% | 5.6, 33.6+ |
| LMNA – NTRK1 | 2 | PR, PD | NA | 4.2 |
| SQSTM1 – NTRK1 | 2 | PR, PD | NA | 18.8+ |
| PEAR1 – NTRK1 | 2 | SD, NE | NA | NA |
| EML4 – NTRK3 | 2 | PR, NE | NA | 13.2 |
| CD74 – NTRK1 | 1 | PR | NA | 10.4 |
| PLEKHA6 – NTRK1 | 1 | PR | NA | 9.3 |
| CDC42BPA – NTRK1 | 1 | PR | NA | 29.4 |
| EPS15L1 – NTRK1 | 1 | PR | NA | 3.7 |
| RBPMS – NTRK3 | 1 | PR | NA | 4.6 |
| ERC1 – NTRK1 | 1 | SD | NA | NA |
| PDIA3 – NTRK1 | 1 | SD | NA | NA |
| TRIM33 – NTRK1 | 1 | SD | NA | NA |
| AKAP13 – NTRK3 | 1 | SD | NA | NA |
| KIF7 – NTRK3 | 1 | SD | NA | NA |
| FAM19A2 – NTRK3 | 1 | PD | NA | NA |

| | | | | |
|----------------|---|----|----|----|
| CGN – NTRK1 | 1 | NE | NA | NA |
| SQSTM1 – NTRK2 | 1 | NE | NA | NA |

+ denotes ongoing response

PR = partial response; PD = progressive disease; SD = stable disease; NA = not applicable; NE = not evaluable.

Among the subset of patients who received prior systemic therapy for metastatic disease, the ORR was 53%, similar to that seen in the overall population. Among the 54 adult patients, 4 had measurable CNS metastases at baseline as assessed by BICR and had not received radiation therapy to the brain within 2 months of study entry. Responses in intracranial lesions were observed in 3 of these 4 patients.

16 HOW SUPPLIED/STORAGE AND HANDLING

- 100 mg hard capsules: Size 2 yellow opaque, with “ENT 100” printed in blue ink; available in: HDPE bottles of 30 capsules: NDC 50242-091-30
- 200 mg hard capsules: Size 0 orange opaque, with “ENT 200” printed in blue ink; available in: HDPE bottles of 90 capsules: NDC 50242-094-90

Store below 30°C (86°F).

17 PATIENT COUNSELING INFORMATION

Advise the patient to read the FDA-approved patient labeling (Patient Information).

Congestive Heart Failure

- Inform patients of the risks of CHF and advise patients to contact their healthcare provider immediately for any new or worsening signs or symptoms of CHF [see *Warnings and Precautions (5.1)*].

Central Nervous System Effects

- Advise patients to inform their healthcare provider if they experience new or worsening central nervous system symptoms. Instruct patients not to drive or operate hazardous machinery if they are experiencing CNS adverse reactions [see *Warnings and Precautions (5.2)*].

Skeletal Fractures

- Inform patients that bone fractures have been reported in patients taking ROZLYTREK. Advise patients to report symptoms such as pain, changes in mobility, or deformity to their healthcare provider [see *Warnings and Precautions (5.3)*].

Hepatotoxicity

- Advise patients that they will need to undergo laboratory tests to monitor liver function and to immediately report symptoms of hepatotoxicity [see *Warnings and Precautions (5.4)*].

Hyperuricemia

- Advise patients to inform their healthcare provider if they experience signs or symptoms associated with hyperuricemia [see *Warnings and Precautions (5.5)*].

QT Interval Prolongation

- Inform patients of the risks of QT interval prolongation and to advise patients to contact their healthcare provider immediately for any symptoms of QT interval prolongation [see *Warnings and Precautions (5.6)*].

Vision Disorders

- Advise patients to inform their healthcare provider if they experience visual changes [see *Warnings and Precautions (5.7)*].

Embryo-Fetal Toxicity

- 556 • Advise pregnant women and females of reproductive potential of the potential risk to a fetus. Advise
557 females to inform their healthcare provider of a known or suspected pregnancy [*see Warnings and*
558 *Precautions (5.8), Use in Specific Populations (8.1, 8.3)*].
- 559 • Advise females of reproductive potential to use effective contraception during treatment with ROZLYTREK
560 and for 5 weeks after the final dose.
- 561 • Advise male patients with female partners of reproductive potential to use effective contraception during
562 treatment and for 3 months after the final dose.

563 Lactation

- 564 • Advise females not to breastfeed during treatment with ROZLYTREK and for 1 week after the final dose
565 [*see Use in Specific Populations (8.2)*].

566 Drug Interactions

- 567 • Advise patients to inform their healthcare providers of all concomitant medications, including prescription
568 medicines, over-the-counter drugs, vitamins, and herbal products. Advise patients to avoid grapefruit juice
569 while taking ROZLYTREK [*see Drug Interactions (7)*].

570 Administration

- 571 • Advise patients to swallow ROZLYTREK capsules whole.
- 572 • Instruct patients if they miss a dose to make up that dose unless the next dose is due within 12 hours.
- 573 • Instruct patients if they vomit immediately after taking a dose of ROZLYTREK to take a dose as soon as
574 possible [*Dosage and Administration (2.6)*].

575

576 Distributed by:

577 **Genentech USA, Inc.**

578 A Member of the Roche Group

579 1 DNA Way

580 South San Francisco, CA 94080-4990

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PATIENT INFORMATION
ROZLYTREK® (roz lye' trek)
(entrectinib)
capsules

What is the most important information I should know about ROZLYTREK?

ROZLYTREK may cause serious side effects, including:

- **Congestive heart failure.** ROZLYTREK may cause congestive heart failure or make the congestive heart failure that you already have worse. Tell your healthcare provider right away if you have any of the following signs and symptoms of congestive heart failure:
 - persistent coughing or wheezing
 - trouble breathing when lying down
 - sudden weight gain
 - increasing shortness of breath
 - tiredness, weakness, or fatigue
 - swelling in ankles, feet, or legs
- **Central nervous system (CNS) effects.** ROZLYTREK may cause dizziness, changes in your mood, or may affect how you think and cause confusion, hallucinations, and problems with concentration, attention, memory, and sleep. Tell your healthcare provider right away if you have any of these symptoms.
- **Bone fractures.** ROZLYTREK may increase your risk for bone fractures. Bone fractures may happen with or without a fall or other injury. Tell your healthcare provider if you have pain, changes in movement, or bone abnormalities.
- **Liver problems (hepatotoxicity).** Your healthcare provider will do blood tests to check your liver function during treatment with ROZLYTREK. Tell your healthcare provider right away if you develop symptoms of liver problems including: loss of appetite, nausea or vomiting, or pain on the upper right side of your stomach area. Your healthcare provider may temporarily stop treatment, decrease your dose, or permanently stop ROZLYTREK if you develop liver problems with ROZLYTREK.
- **Increased uric acid level in your blood (hyperuricemia).** ROZLYTREK may cause an excess of uric acid in your blood. Your healthcare provider may do tests before and during your treatment with ROZLYTREK to check the uric acid level in your blood. Your healthcare provider may prescribe medications if you have high blood uric acid levels.
- **Changes in the electrical activity of your heart called QT prolongation.** QT prolongation can cause irregular heartbeats that can be life-threatening. Your healthcare provider will do tests before and during your treatment with ROZLYTREK to check the electrical activity of your heart and your body salts (electrolytes). Tell your healthcare provider right away if you feel faint, lightheaded, dizzy, or feel your heart beating irregularly or fast during your treatment with ROZLYTREK. These may be symptoms related to QT prolongation.
- **Vision problems.** ROZLYTREK may cause vision problems. Your healthcare provider may stop ROZLYTREK and refer you to an eye specialist if you develop severe vision problems during treatment with ROZLYTREK. Tell your healthcare provider right away if you have any loss of vision or any change in vision, including:
 - double vision
 - blurry vision
 - new or increased floaters
 - seeing flashes of light
 - light hurting your eyes

See “What are the possible side effects of ROZLYTREK?” for more information about side effects.

What is ROZLYTREK?

ROZLYTREK is a prescription medicine used to treat:

- Adults with non-small cell lung cancer (NSCLC) that has spread to other parts of the body and is caused by an abnormal *ROS1* gene.
- Adults and children 12 years and older with solid tumors (cancer) that:
 - are caused by certain abnormal *NTRK* genes **and**
 - have spread or if surgery to remove their cancer is likely to cause severe complications, **and**
 - there is no satisfactory alternative treatment option **or** the cancer grew or spread on other treatment.

It is not known if ROZLYTREK is safe and effective for use in children less than 12 years of age.

Before taking ROZLYTREK, tell your healthcare provider about all your medical conditions, including if you:

- have liver or kidney problems
- have any heart problems, including a condition called long QT syndrome
- have nervous system (neurological) problems
- have or have had eye or vision problems
- are pregnant or plan to become pregnant. ROZLYTREK can harm your unborn baby. Tell your healthcare provider right away if you become pregnant during treatment with ROZLYTREK or think you may be pregnant.

- If you are able to become pregnant, your healthcare provider will do a pregnancy test before you start treatment with ROZLYTREK.
- **Females** who are able to become pregnant should use effective birth control during treatment with ROZLYTREK and for at least 5 weeks after the final dose.
- **Males** who have female partners that are able to become pregnant should use effective birth control during treatment with ROZLYTREK and for 3 months after the final dose.
- are breastfeeding or plan to breastfeed. It is not known if ROZLYTREK passes into your breast milk. Do not breastfeed during treatment with ROZLYTREK and for 7 days after the final dose of ROZLYTREK. Talk to your healthcare provider about the best way to feed your baby during this time.

Tell your healthcare provider about all the medicines you take, including prescription and over-the-counter medicines, vitamins, or herbal supplements.

Certain other medicines may affect how ROZLYTREK works causing side effects. Know the medicines you take. Keep a list of them to show to your healthcare provider and pharmacist when you get a new medicine.

How should I take ROZLYTREK?

- Take ROZLYTREK exactly as your healthcare provider tells you to take it. Do not change your dose or stop taking ROZLYTREK unless your healthcare provider tells you to.
- Your healthcare provider may change your dose, temporarily stop, or permanently stop treatment with ROZLYTREK if you develop side effects.
- Take ROZLYTREK 1 time each day with or without food.
- Swallow whole ROZLYTREK capsules. Do not open, crush, chew or dissolve the capsule contents.
- If you miss a dose of ROZLYTREK, take it as soon as you remember. If your next dose is due within 12 hours, skip the missed dose and take your next dose at your regular time.
- If you vomit right after taking a dose of ROZLYTREK, you may take the dose again.

What should I avoid while taking ROZLYTREK?

- You should not drink grapefruit juice or eat grapefruit during your treatment with ROZLYTREK. It may increase the amount of entrectinib in your blood to a harmful level.
- Do not drive or operate heavy machinery until you know how ROZLYTREK affects you. If you experience dizziness, fainting, tiredness, blurred vision, memory loss, changes in mental status, confusion, or hallucinations, do not drive or operate heavy machines until your symptoms resolve.

What are the possible side effects of ROZLYTREK?

ROZLYTREK may cause serious side effects, including:

- See “What is the most important information I should know about ROZLYTREK?”

The most common side effects of ROZLYTREK include:

- | | | |
|-------------------|---|------------------|
| ● tiredness | ● nausea | ● cough |
| ● constipation | ● abnormal touch sensation | ● vomiting |
| ● change in taste | ● shortness of breath | ● fever |
| ● swelling | ● muscle pain | ● joint pain |
| ● dizziness | ● confusion, mental status changes, memory problems, and hallucinations | ● vision changes |
| ● diarrhea | ● weight gain | |

These are not all the possible side effects of ROZLYTREK. For more information, ask your healthcare provider or pharmacist.

Call your doctor for medical advice about side effects. You may report side effects to FDA at 1-800-FDA-1088.

How should I store ROZLYTREK?

- Store ROZLYTREK below 86°F (30°C).

Keep ROZLYTREK and all medicines out of the reach of children.

General information about the safe and effective use of ROZLYTREK.

Medicines are sometimes prescribed for purposes other than those listed in a Patient Information leaflet. Do not use ROZLYTREK for a condition for which it was not prescribed. Do not give ROZLYTREK to other people, even if they have the same symptoms that you have. It may harm them. You can ask your healthcare provider or pharmacist for information about ROZLYTREK that is written for health professionals.

What are the ingredients in ROZLYTREK?

Active ingredient: entrectinib

Inactive ingredients: tartaric acid, lactose anhydrous, hypromellose, crospovidone, microcrystalline cellulose, colloidal silicon dioxide, and magnesium stearate. Yellow opaque capsule shell contains: hypromellose, titanium dioxide, and yellow iron oxide. Orange opaque capsule shell contains: hypromellose, titanium dioxide, and FD&C Yellow No. 6. Printing ink contains: shellac, propylene glycol, strong ammonia solution, and FD&C Blue No. 2 aluminum lake.

Distributed by: Genentech, Inc., A Member of the Roche Group, 1 DNA Way, South San Francisco, CA 94080-4990

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For more information, go to www.ROZLYTREK.com or call 1-877-436-3683.

This Patient Information has been approved by the U.S. Food and Drug Administration.

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