

PEMAZYRE- pemigatinib tablet

Incyte Corporation

HIGHLIGHTS OF PRESCRIBING INFORMATION

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

PEMAZYRE® (pemigatinib) tablets, for oral use
Initial U.S. Approval: 2020

-----RECENT MAJOR CHANGES-----

Dosage and Administration (2.5, 2.6) 02/2021
Warnings and Precautions (5.2) 02/2021

-----INDICATIONS AND USAGE-----

PEMAZYRE is a kinase inhibitor indicated for the treatment of adults with previously treated, unresectable locally advanced or metastatic cholangiocarcinoma with a fibroblast growth factor receptor 2 (FGFR2) fusion or other rearrangement as detected by an FDA-approved test. (1, 2.1)

This indication is approved under accelerated approval based on overall response rate and duration of response. Continued approval for this indication may be contingent upon verification and description of clinical benefit in a confirmatory trial(s). (1, 2.1)

-----DOSAGE AND ADMINISTRATION-----

- Confirm the presence of an FGFR2 fusion or rearrangement prior to initiation of treatment with PEMAZYRE. (2.1)
- Recommended dosage is 13.5 mg orally once daily for 14 consecutive days followed by 7 days off therapy in 21-day cycles. Continue treatment until disease progression or unacceptable toxicity occurs. (2.2)
- Swallow tablet whole, with or without food. (2.2)
- Severe renal impairment: the recommended dosage of PEMAZYRE is 9 mg orally once daily for 14 consecutive days followed by 7 days off therapy in 21-day cycles. (2.5, 8.6, 12.3)
- Severe Hepatic Impairment: the recommended dosage of PEMAZYRE is 9 mg orally once daily for 14 consecutive days followed by 7 days off therapy in 21-day cycles. (2.6, 8.7, 12.3)

-----DOSAGE FORMS AND STRENGTHS-----

Tablets: 4.5 mg, 9 mg, and 13.5 mg. (3)

-----CONTRAINDICATIONS-----

None. (4)

-----WARNINGS AND PRECAUTIONS-----

- Ocular Toxicity: PEMAZYRE can cause retinal pigment epithelial detachment. Perform ophthalmological examination including optical coherence tomography (OCT) prior to initiation of therapy, every 2 months for the first 6 months of treatment and every 3 months thereafter, and urgently at any time for visual symptoms. (2.3, 5.1)
- Hyperphosphatemia and Soft Tissue Mineralization: PEMAZYRE can cause hyperphosphatemia leading to soft tissue mineralization, cutaneous calcification, calcinosis, and non-uremic calciphylaxis. Monitor for hyperphosphatemia and withhold, reduce the dose, or permanently discontinue based on duration and severity of hyperphosphatemia. (2.3, 5.2)
- Embryo-Fetal Toxicity: Can cause fetal harm. Advise patients of reproductive potential of the potential risk to the fetus and use effective contraception. (5.3, 8.1, 8.3)

-----ADVERSE REACTIONS-----

The most common adverse reactions (incidence \geq 20%) are hyperphosphatemia, alopecia, diarrhea, nail toxicity, fatigue, dysgeusia, nausea, constipation, stomatitis, dry eye, dry mouth, decreased appetite, vomiting, arthralgia, abdominal pain, hypophosphatemia, back pain, and dry skin. (6.1)

To report SUSPECTED ADVERSE REACTIONS, contact Incyte Corporation at 1-855-463-3463 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.

DRUG INTERACTIONS

- Strong and Moderate CYP3A Inducers: Avoid concomitant use of PEMAZYRE. (7.1)
- Strong and Moderate CYP3A Inhibitors: Avoid concomitant use. If concomitant use cannot be avoided, reduce PEMAZYRE dosage. (2.4, 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: 2/2021

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FULL PRESCRIBING INFORMATION

1 INDICATIONS AND USAGE

PEMAZYRE is indicated for the treatment of adults with previously treated, unresectable locally advanced or metastatic cholangiocarcinoma with a fibroblast growth factor receptor 2 (FGFR2) fusion or other rearrangement as detected by an FDA-approved test [see *Dosage and Administration (2.1)*].

This indication is approved under accelerated approval based on overall response rate and duration of response [see *Clinical Studies (14.1)*]. Continued approval for this indication may be contingent upon verification and description of clinical benefit in a confirmatory trial(s).

2 DOSAGE AND ADMINISTRATION

2.1 Patient Selection

Select patients for the treatment of locally advanced or metastatic cholangiocarcinoma with PEMAZYRE based on the presence of an FGFR2 fusion or rearrangement as detected by an FDA-approved test [see *Clinical Studies (14.1)*].

Information on FDA-approved test(s) for the detection of an FGFR2 fusion or rearrangement in cholangiocarcinoma is available at <http://www.fda.gov/CompanionDiagnostics>.

2.2 Recommended Dosage

The recommended dosage of PEMAZYRE is 13.5 mg orally once daily for 14 consecutive days followed by 7 days off therapy, in 21-day cycles. Continue treatment until disease progression or unacceptable toxicity occurs.

Take PEMAZYRE with or without food at approximately the same time every day [see *Clinical Pharmacology (12.3)*].

Swallow tablets whole. Do not crush, chew, split, or dissolve tablets.

If the patient misses a dose of PEMAZYRE by 4 or more hours or if vomiting occurs, resume dosing with the next scheduled dose.

2.3 Dosage Modification for Adverse Reactions

The recommended dose reductions for adverse reactions are provided in Table 1.

Table 1: Recommended Dose Reductions for PEMAZYRE for Adverse Reactions

| Dose Reduction | Recommended Dosage |
|-----------------------|--|
| First | 9 mg once daily for first 14 days of each 21-day cycle |
| Second* | 4.5 mg once daily for first 14 days of each 21-day cycle |

* Permanently discontinue PEMAZYRE if unable to tolerate 4.5 mg once daily.

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

Table 2: Recommended Dosage Modifications for PEMAZYRE Adverse Reactions

| Adverse Reaction | Severity* | PEMAZYRE Dosage Modification |
|---|--------------------------------------|--|
| Retinal Pigment Epithelial Detachment (RPED) <i>[see Warnings and Precautions (5.1)]</i> | RPED | <ul style="list-style-type: none"> • If asymptomatic and stable on serial examination, continue PEMAZYRE. • If symptomatic or worsening on serial examination, withhold PEMAZYRE. <ul style="list-style-type: none"> ◦ If asymptomatic and improved on subsequent examination, resume PEMAZYRE at a lower dose ◦ If symptoms persist or examination does not improve, consider permanent discontinuation of PEMAZYRE, based on clinical status. |
| Hyperphosphatemia <i>[see Warnings and Precautions (5.2)]</i> | Serum phosphate > 7 mg/dL- ≤10 mg/dL | <ul style="list-style-type: none"> • Initiate phosphate lowering therapy and monitor serum phosphate weekly. • Withhold PEMAZYRE if levels are not < 7 mg/dL within 2 weeks of starting phosphate lowering therapy. • Resume PEMAZYRE at the same dose when phosphate levels are < 7 mg/dL for first occurrence; resume at a lower dose level for subsequent recurrences. |
| | Serum phosphate >10 mg/dL | <ul style="list-style-type: none"> • Initiate phosphate lowering therapy and monitor serum phosphate weekly. • Withhold PEMAZYRE if levels are |

| | | |
|-------------------------|---------|---|
| | | <p>not \leq 10 mg/dL within 1 week after starting phosphate lowering therapy.</p> <ul style="list-style-type: none"> • Resume PEMAZYRE at the next lower dose level when phosphate levels are $<$ 7 mg/dL. • Permanently discontinue PEMAZYRE for recurrence of serum phosphate $>$ 10mg/dL following 2 dose reductions. |
| Other Adverse Reactions | Grade 3 | <ul style="list-style-type: none"> • Withhold PEMAZYRE until resolves to Grade 1 or baseline. • Resume PEMAZYRE at next lower dose if resolves within 2 weeks. • Permanently discontinue PEMAZYRE if does not resolve within 2 weeks. • Permanently discontinue PEMAZYRE for recurrent Grade 3 after 2 dose reductions. |
| | Grade 4 | <ul style="list-style-type: none"> • Permanently discontinue PEMAZYRE. |

* Severity as defined by National Cancer Institute Common Terminology Criteria for Adverse Events (NCI CTCAE) version 4.03.

2.4 Dosage Modification for Concomitant Use with Strong or Moderate CYP3A Inhibitors

Avoid concomitant use of strong and moderate CYP3A inhibitors with PEMAZYRE. If concomitant use with a strong or moderate CYP3A inhibitor cannot be avoided:

- Reduce PEMAZYRE dosage from 13.5 mg to 9 mg.
- Reduce PEMAZYRE dosage from 9 mg to 4.5 mg.

If concomitant use of a strong or moderate CYP3A inhibitor is discontinued, increase the PEMAZYRE dosage (after 3 plasma half-lives of the CYP3A inhibitor) to the dosage that was used before starting the strong or moderate inhibitor [see *Clinical Pharmacology (12.3)*].

2.5 Recommended Dosage for Severe Renal Impairment

The recommended dosage of PEMAZYRE for patients with severe renal impairment (eGFR estimated by MDRD 15 to 29 mL/min/1.73 m²) is 9 mg orally once daily for 14 consecutive days followed by 7 days off therapy, in 21-day cycles [see *Renal Impairment (8.6)* and *Clinical Pharmacology (12.3)*].

2.6 Recommended Dosage for Severe Hepatic Impairment

[The recommended dosage of PEMAZYRE for patients with severe hepatic impairment

(total bilirubin > 3 × ULN with any AST) is 9 mg orally once daily for 14 consecutive days followed by 7 days off therapy, in 21-day cycles [see *Hepatic Impairment (8.7)* and *Clinical Pharmacology (12.3)*].

3 DOSAGE FORMS AND STRENGTHS

Tablets:

- 4.5 mg: round, white to off-white tablet debossed on one side with "I" and "4.5" on the other side.
- 9 mg: oval, white to off-white tablet debossed on one side with "I" and "9" on the other side.
- 13.5 mg: round, white to off-white tablet debossed on one side with "I" and "13.5" on the other side.

4 CONTRAINDICATIONS

None.

5 WARNINGS AND PRECAUTIONS

5.1 Ocular Toxicity

Retinal Pigment Epithelial Detachment (RPED)

PEMAZYRE can cause RPED, which may cause symptoms such as blurred vision, visual floaters, or photopsia. Clinical trials of PEMAZYRE did not conduct routine monitoring including optical coherence tomography (OCT) to detect asymptomatic RPED; therefore, the incidence of asymptomatic RPED with PEMAZYRE is unknown.

Among 466 patients who received PEMAZYRE across clinical trials, RPED occurred in 6% of patients, including Grade 3-4 RPED in 0.6%. The median time to first onset of RPED was 62 days. RPED led to dose interruption of PEMAZYRE in 1.7% of patients, and dose reduction and permanent discontinuation in 0.4% and in 0.4% of patients, respectively. RPED resolved or improved to Grade 1 levels in 87.5% of patients who required dosage modification of PEMAZYRE for RPED.

Perform a comprehensive ophthalmological examination including OCT prior to initiation of PEMAZYRE and every 2 months for the first 6 months and every 3 months thereafter during treatment. For onset of visual symptoms, refer patients for ophthalmologic evaluation urgently, with follow-up every 3 weeks until resolution or discontinuation of PEMAZYRE.

Modify the dose or permanently discontinue PEMAZYRE as recommended [see *Dosage and Administration (2.3)*].

Dry Eye

Among 466 patients who received PEMAZYRE across clinical trials, dry eye occurred in 27% of patients, including Grade 3-4 in 0.6% of patients. Treat patients with ocular demulcents as needed.

5.2 Hyperphosphatemia and Soft Tissue Mineralization

PEMAZYRE can cause hyperphosphatemia leading to soft tissue mineralization, cutaneous calcification, calcinosis, and non-uremic calciphylaxis. Increases in phosphate levels are a pharmacodynamic effect of PEMAZYRE [see *Clinical Pharmacology (12.2)*]. Among 466 patients who received PEMAZYRE across clinical trials, hyperphosphatemia was reported in 92% of patients based on laboratory values above the upper limit of normal. The median time to onset of hyperphosphatemia was 8 days (range 1-169). Phosphate lowering therapy was required in 29% of patients receiving PEMAZYRE.

Monitor for hyperphosphatemia and initiate a low phosphate diet when serum phosphate level is > 5.5 mg/dL. For serum phosphate levels > 7 mg/dL, initiate phosphate lowering therapy and withhold, reduce the dose, or permanently discontinue PEMAZYRE based on duration and severity of hyperphosphatemia [see *Dosage and Administration (2.3)*].

5.3 Embryo-Fetal Toxicity

Based on findings in an animal study and its mechanism of action, PEMAZYRE can cause fetal harm when administered to a pregnant woman. Oral administration of pemigatinib to pregnant rats during the period of organogenesis caused fetal malformations, fetal growth retardation, and embryo-fetal death at maternal exposures lower than the human exposure based on area under the curve (AUC) at the clinical dose of 13.5 mg.

Advise pregnant women of the potential risk to the fetus. Advise female patients of reproductive potential to use effective contraception during treatment with PEMAZYRE and for 1 week after the final dose. Advise males with female partners of reproductive potential to use effective contraception during treatment with PEMAZYRE and for 1 week after the final dose [see *Use in Specific Populations (8.1, 8.3)*].

6 ADVERSE REACTIONS

The following adverse reactions are discussed elsewhere in the labeling:

- Ocular Toxicity [see *Warnings and Precautions (5.1)*]
- Hyperphosphatemia and Soft Tissue Mineralization [see *Warnings and Precautions (5.2)*]

6.1 Clinical Trials Experience

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

The safety of PEMAZYRE was evaluated in FIGHT-202, which included 146 patients with previously treated, locally advanced or metastatic cholangiocarcinoma [see *Clinical Studies (14.1)*]. Patients were treated orally with PEMAZYRE 13.5 mg once daily for 14 days on followed by 7 days off therapy until disease progression or unacceptable toxicity. The median duration of treatment was 181 days (range: 7 to 730 days).

The median age of PEMAZYRE-treated patients was 59 years (range 26-78), 58% were females, and 71% were White.

Serious adverse reactions occurred in 45% of patients receiving PEMAZYRE. Serious

adverse reactions in $\geq 2\%$ of patients who received PEMAZYRE included abdominal pain, pyrexia, cholangitis, pleural effusion, acute kidney injury, cholangitis infective, failure to thrive, hypercalcemia, hyponatremia, small intestinal obstruction, and urinary tract infection. Fatal adverse reactions occurred in 4.1% of patients, including failure to thrive, bile duct obstruction, cholangitis, sepsis, and pleural effusion.

Permanent discontinuation due to an adverse reaction occurred in 9% of patients who received PEMAZYRE. Adverse reactions requiring permanent discontinuation in $\geq 1\%$ of patients included intestinal obstruction and acute kidney injury.

Dosage interruptions due to an adverse reaction occurred in 43% of patients who received PEMAZYRE. Adverse reactions requiring dosage interruption in $\geq 1\%$ of patients included stomatitis, palmar-plantar erythrodysesthesia syndrome, arthralgia, fatigue, abdominal pain, AST increased, asthenia, pyrexia, ALT increased, cholangitis, small intestinal obstruction, alkaline phosphatase increased, diarrhea, hyperbilirubinemia, electrocardiogram QT prolonged, decreased appetite, dehydration, hypercalcemia, hyperphosphatemia, hypophosphatemia, back pain, pain in extremity, syncope, acute kidney injury, onychomadesis, and hypotension.

Dose reductions due to an adverse reaction occurred in 14% of patients who received PEMAZYRE. Adverse reactions requiring dosage reductions in $\geq 1\%$ of patients who received PEMAZYRE included stomatitis, arthralgia, palmar-plantar erythrodysesthesia syndrome, asthenia, and onychomadesis.

Table 3 summarizes the adverse reactions in FIGHT-202. Table 4 summarizes laboratory abnormalities in FIGHT-202.

Table 3: Adverse Reactions ($\geq 15\%$) in Patients Receiving PEMAZYRE in FIGHT-202

| Adverse Reaction | PEMAZYRE (N=146) | |
|---|---------------------|-------------------------------------|
| | All Grades* (%) | Grades ≥ 3 [†] (%) |
| Metabolism and nutrition disorders | | |
| Hyperphosphatemia [‡] | 60 | 0 |
| Decreased appetite | 33 | 1.4 |
| Hypophosphatemia [§] | 23 | 12 |
| Dehydration | 15 | 3.4 |
| Skin and subcutaneous tissue disorders | | |
| Alopecia | 49 | 0 |
| Nail toxicity [¶] | 43 | 2.1 |
| Dry skin | 20 | 0.7 |
| Palmar-plantar erythrodysesthesia syndrome | 15 | 4.1 |
| Gastrointestinal disorders | | |
| Diarrhea | 47 | 2.7 |
| Nausea | 40 | 2.1 |
| Constipation | 35 | 0.7 |
| Stomatitis | 35 | 5 |
| Dry mouth | 34 | 0 |

| | | |
|--|----|-----|
| Vomiting | 27 | 1.4 |
| Abdominal pain | 23 | 4.8 |
| General disorders | | |
| Fatigue | 42 | 4.8 |
| Edema peripheral | 18 | 0.7 |
| Nervous system disorders | | |
| Dysgeusia | 40 | 0 |
| Headache | 16 | 0 |
| Eye disorders | | |
| Dry eye [#] | 35 | 0.7 |
| Musculoskeletal and connective tissue disorders | | |
| Arthralgia | 25 | 6 |
| Back pain | 20 | 2.7 |
| Pain in extremity | 19 | 2.1 |
| Infections and infestations | | |
| Urinary tract infection | 16 | 2.7 |
| Investigations | | |
| Weight loss | 16 | 2.1 |

* Graded per NCI CTCAE 4.03.

† Only Grades 3 - 4 were identified.

‡ Includes hyperphosphatemia and blood phosphorous increased; graded based on clinical severity and medical interventions taken according to the "investigations-other, specify" category in NCI CTCAE v4.03.

§ Includes hypophosphatemia and blood phosphorous decreased.

¶ Includes nail toxicity, nail disorder, nail discoloration, nail dystrophy, nail hypertrophy, nail ridging, nail infection, onychalgia, onychoclasia, onycholysis, onychomadesis, onychomycosis, and paronychia.

Includes dry eye, keratitis, lacrimation increased, pinguecula, and punctate keratitis.

Clinically relevant adverse reactions occurring in $\leq 10\%$ of patients included fractures (2.1%). In all patients treated with pemigatinib, 1.3% experienced pathologic fractures (which included patients with and without cholangiocarcinoma [N=466]). Soft tissue mineralization, including cutaneous calcification, calcinosis, and non-uremic calciphylaxis associated with hyperphosphatemia were observed with PEMAZYRE treatment.

Table 4: Select Laboratory Abnormalities ($\geq 10\%$) Worsening from Baseline in Patients Receiving PEMAZYRE in FIGHT-202

| Laboratory Abnormality | PEMAZYRE* (N=146) | |
|------------------------|-----------------------------|---------------------|
| | All Grades [†] (%) | Grades ≥ 3 (%) |
| Hematology | | |
| Decreased hemoglobin | 43 | 6 |
| Decreased lymphocytes | 36 | 8 |
| Decreased platelets | 28 | 3.4 |
| Increased leukocytes | 27 | 0.7 |
| Decreased leukocytes | 18 | 1.4 |

| Chemistry | | |
|--------------------------------------|----|-----|
| Increased phosphate [‡] | 94 | 0 |
| Decreased phosphate | 68 | 38 |
| Increased alanine aminotransferase | 43 | 4.1 |
| Increased aspartate aminotransferase | 43 | 6 |
| Increased calcium | 43 | 4.1 |
| Increased alkaline phosphatase | 41 | 11 |
| Increased creatinine [§] | 41 | 1.4 |
| Decreased sodium | 39 | 12 |
| Increased glucose | 36 | 0.7 |
| Decreased albumin | 34 | 0 |
| Increased urate | 30 | 10 |
| Increased bilirubin | 26 | 6 |
| Decreased potassium | 26 | 5 |
| Decreased calcium | 17 | 2.7 |
| Increased potassium | 12 | 2.1 |
| Decreased glucose | 11 | 1.4 |

* The denominator used to calculate the rate varied from 142-146 based on the number of patients with a baseline value and at least one post-treatment value.

† Graded per NCI CTCAE 4.03.

‡ Based on CTCAE 5.0 grading.

§ Graded based on comparison to upper limit of normal.

Increased Creatinine

Within the first 21-day cycle of PEMAZYRE dosing, serum creatinine increased (mean increase of 0.2 mg/dL) and reached steady state by Day 8, and then decreased during the 7 days off therapy. Consider alternative markers of renal function if persistent elevations in serum creatinine are observed [see *Clinical Pharmacology (12.3)*].

7 DRUG INTERACTIONS

7.1 Effect of Other Drugs on PEMAZYRE

Strong and Moderate CYP3A Inducers

Concomitant use of PEMAZYRE with a strong or moderate CYP3A inducer decreases pemigatinib plasma concentrations, [see *Clinical Pharmacology (12.3)*] which may reduce the efficacy of PEMAZYRE. Avoid concomitant use of strong and moderate CYP3A inducers with PEMAZYRE.

Strong and Moderate CYP3A Inhibitors

Concomitant use of a strong or moderate CYP3A inhibitor with PEMAZYRE increases pemigatinib plasma concentrations, [see *Clinical Pharmacology (12.3)*] which may increase the incidence and severity of adverse reactions. Avoid concomitant use of

strong and moderate CYP3A inhibitors with PEMAZYRE. Reduce PEMAZYRE dosage if concomitant use of strong and moderate CYP3A inhibitors cannot be avoided [see *Dosage and Administration (2.2)*].

8 USE IN SPECIFIC POPULATIONS

8.1 Pregnancy

Risk Summary

Based on findings in an animal study and its mechanism of action, PEMAZYRE can cause fetal harm or loss of pregnancy when administered to a pregnant woman [see *Clinical Pharmacology (12.1)*]. There are no available data on the use of PEMAZYRE in pregnant women. Oral administration of pemigatinib to pregnant rats during the period of organogenesis at maternal plasma exposures below the human exposure at the clinical dose of 13.5 mg resulted in fetal malformations, fetal growth retardation, and embryo-fetal death (see *Data*). Advise pregnant women of the potential risk to a fetus.

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

Data

Animal Data

Once daily oral administration of pemigatinib to pregnant rats during the period of organogenesis resulted in 100% embryofetal mortality due to post-implantation loss at doses ≥ 0.3 mg/kg (approximately 0.6 times the human exposure based on AUC at the clinical dose of 13.5 mg). Fetal survival was unaffected at 0.1 mg/kg per day; however, once daily oral administration of pemigatinib at the 0.1 mg/kg dose level (approximately 0.2 times the human exposure based on AUC at the clinical dose of 13.5 mg) resulted in reduced mean fetal body weight and an increase in fetal skeletal and visceral malformations, major blood vessel variations, and reduced ossification.

8.2 Lactation

Risk Summary

There are no data on the presence of pemigatinib or its metabolites in human milk or their effects on either the breastfed child or on milk production. Because of the potential for serious adverse reactions in breastfed children from PEMAZYRE, advise women not to breastfeed during treatment and for 1 week after the final dose.

8.3 Females and Males of Reproductive Potential

Pregnancy Testing

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

Contraception

PEMAZYRE can cause fetal harm when administered to pregnant women [see *Use in Specific Populations (8.1)*].

Females

Advise females of reproductive potential to use effective contraception during treatment with PEMAZYRE and for 1 week after the final dose.

Males

Advise males with female partners of reproductive potential to use effective contraception during treatment with PEMAZYRE and for 1 week after the final dose.

8.4 Pediatric Use

The safety and effectiveness of PEMAZYRE have not been established in pediatric patients.

Animal Toxicity Data

In 4- or 13-week repeat-dose toxicology studies in rats and non-human primates, animals displayed toxicities in bone and teeth at pemigatinib exposures lower than the human exposure at the clinical dose of 13.5 mg. Physeal and cartilage dysplasia were present in multiple bones in both species, and tooth (incisor) abnormalities (complete loss of ameloblasts with associated secondary changes) occurred in rats. Six weeks after cessation of dosing, these findings did not show complete evidence of recovery, and additional tooth-related findings (mal-aligned, whitened, broken, and trimmed/thinned incisors) developed in the 13-week study.

8.5 Geriatric Use

In FIGHT-202, 32% of patients were 65 years and older, and 8% of patients were 75 years and older. No overall differences in safety or effectiveness were observed between these patients and younger patients.

8.6 Renal Impairment

Reduce the recommended dosage of PEMAZYRE for patients with severe renal impairment (eGFR 15 to 29 mL/min/1.73 m², estimated by Modification of Diet in Renal Disease [MDRD] equation) [see *Dosage and Administration (2.5) and Clinical Pharmacology (12.3)*].

No dosage adjustment is recommended for patients with mild or moderate renal impairment (eGFR 30 to 89 mL/min/1.73 m²). No dosage adjustment is recommended for patients with end-stage renal disease (eGFR < 15 mL/min/1.73 m²) who are receiving intermittent hemodialysis. [see *Clinical Pharmacology (12.3)*].

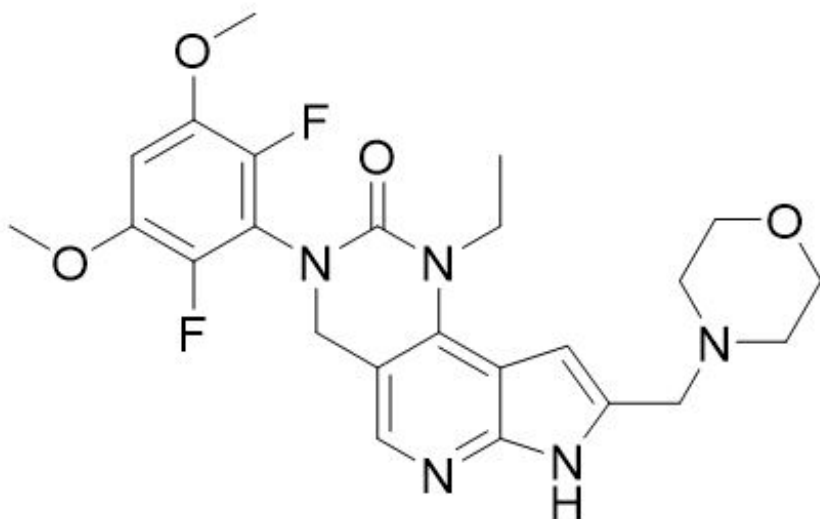
8.7 Hepatic Impairment

Reduce the recommended dosage of PEMAZYRE for patients with severe hepatic impairment (total bilirubin > 3 × ULN with any AST) [see *Dosage and Administration (2.6) and Clinical Pharmacology (12.3)*].

No dosage adjustment is recommended for patients with mild (total bilirubin > upper limit of normal [ULN] to 1.5 × ULN or AST > ULN) or moderate (total bilirubin > 1.5–3 × ULN with any AST) hepatic impairment [see *Clinical Pharmacology (12.3)*].

11 DESCRIPTION

Pemigatinib is a kinase inhibitor with the chemical name 3-(2,6-difluoro-3,5-dimethoxyphenyl)-1-ethyl-8-(morpholin-4-ylmethyl)-1,3,4,7-tetrahydro-2H-pyrrolo[3',2':5,6]pyrido[4,3-d]pyrimidin-2-one. Pemigatinib has a molecular formula of $C_{24}H_{27}F_2N_5O_4$ and molecular mass of 487.5 g/mole. Pemigatinib has the following chemical structure:



Pemigatinib is a white to off-white solid that is not hygroscopic. The solubility of pemigatinib is pH dependent with decreasing solubility observed with increasing pH. PEMAZYRE tablets are uncoated and for oral administration. Tablets are available containing 4.5 mg, 9 mg, or 13.5 mg of pemigatinib active ingredient. The inactive ingredients include magnesium stearate, microcrystalline cellulose, and sodium starch glycolate.

12 CLINICAL PHARMACOLOGY

12.1 Mechanism of Action

Pemigatinib is a small molecule kinase inhibitor that targets FGFR1, 2 and 3 with IC_{50} values of less than 2 nM. Pemigatinib also inhibited FGFR4 in vitro at a concentration approximately 100 times higher than those that inhibit FGFR1, 2, and 3. Pemigatinib inhibited FGFR1-3 phosphorylation and signaling and decreased cell viability in cancer cell lines with activating FGFR amplifications and fusions that resulted in constitutive activation of FGFR signaling. Constitutive FGFR signaling can support the proliferation and survival of malignant cells. Pemigatinib exhibited anti-tumor activity in mouse xenograft models of human tumors with FGFR1, FGFR2, or FGFR3 alterations resulting in constitutive FGFR activation including a patient-derived xenograft model of cholangiocarcinoma that expressed an oncogenic FGFR2-Transformer-2 beta homolog (TRA2b) fusion protein.

12.2 Pharmacodynamics

Serum Phosphate

Pemigatinib increased serum phosphate levels as a consequence of FGFR inhibition. Serum phosphate increased with increasing exposure across the dose range of 1 to 20 mg once daily (0.07 to 1.5 times the recommended dose), with increased risk of hyperphosphatemia with higher pemigatinib exposure.

Cardiac Electrophysiology

At a dose 1.5 times the maximum recommended dose, PEMAZYRE does not result in a large mean increase (i.e. >20 ms) of the QTc interval.

12.3 Pharmacokinetics

The geometric mean (CV%) steady-state pemigatinib AUC_{0-24h} was 2620 nM·h (54%) and C_{max} was 236 nM (56%) for 13.5 mg orally once daily. Steady state pemigatinib concentrations increased proportionally over the dose range of 1 to 20 mg (0.07 to 1.5 times the recommended dose). Steady-state was achieved within 4 days and pemigatinib accumulated with a median accumulation ratio of 1.63 (range 0.63 to 3.28) following repeated once daily dosing.

Absorption

The median time to achieve peak pemigatinib plasma concentration (T_{max}) was 1.13 (0.50-6.00) hours.

Effect of Food

Administration of PEMAZYRE with a high-fat and high-calorie meal (approximately 1000 calories with 150 calories from protein, 250 calories from carbohydrate, and 500-600 calories from fat) had no clinically significant effect on pemigatinib pharmacokinetics.

Distribution

The estimated apparent volume of distribution was 235 L (60.8%) following a 13.5 mg oral dose. Protein binding of pemigatinib was 90.6% and was independent of concentration in vitro.

Elimination

The geometric mean (%CV) elimination half-life (t_{1/2}) of pemigatinib was 15.4 (51.6%) hours and the geometric mean apparent clearance (CL/F) was 10.6 L/h (54%).

Metabolism

Pemigatinib is predominantly metabolized by CYP3A4 in vitro. The major drug-related moiety in plasma was unchanged pemigatinib.

Excretion

Following a single oral 11 mg dose of radiolabeled pemigatinib, 82.4% of the dose was recovered in feces (1.4% as unchanged) and 12.6% in urine (1% as unchanged).

Specific Populations

No clinically significant differences in the systemic exposure of pemigatinib were observed based on age (21 - 79 years), sex, race/ethnicity (White 68.2%, Asian 16%,

Black 6.3%, Hispanic 6%, other 3.5%) or body weight (39.8 - 156 kg).

Patients with Renal Impairment

No clinically significant differences in the systemic exposure of pemigatinib were observed in mild to moderate renal impairment (eGFR 30 to 89 mL/min, MDRD) or end-stage renal disease (eGFR <15 mL/min/1.73 m²) on intermittent hemodialysis. Compared to subjects with normal renal function, the geometric mean pemigatinib AUC_{0-inf} increased by 59% in patients with severe renal impairment (eGFR 15 to 29 mL/min/1.73 m²).

Patients with Hepatic Impairment

No clinically significant differences in the systemic exposure of pemigatinib were observed in mild (total bilirubin > upper limit of normal [ULN] to 1.5 × ULN or AST > ULN) to moderate (total bilirubin >1.5–3 × ULN with any AST) hepatic impairment. Compared to subjects with normal hepatic function, the geometric mean pemigatinib AUC_{0-inf} increased by 136% in subjects with severe hepatic impairment (total bilirubin > 3 × ULN with any AST).

Drug Interaction Studies

Clinical Studies and Model-Based Approaches

CYP3A Inhibitors: Itraconazole (strong CYP3A inhibitor) increased C_{max} by 17% and increased AUC by 88% following a single oral PEMAZYRE dose of 4.5 mg [see *Drug Interactions (7.1)*]. Concomitant use of moderate CYP3A inhibitors is predicted to increase pemigatinib exposure by approximately 50-80% [see *Drug Interactions (7.1)*].

CYP3A Inducers: Rifampin (strong CYP3A inducer) decreased pemigatinib C_{max} by 62% and AUC by 85% following a single oral PEMAZYRE dose of 13.5 mg [see *Drug Interactions (7.1)*]. Concomitant use of a moderate CYP3A inducer is predicted to decrease pemigatinib exposure by more than 50% [see *Drug Interactions (7.1)*].

Other Drugs: No clinically significant differences in pemigatinib exposure when co-administered with esomeprazole (proton pump inhibitor) or ranitidine (histamine-2 antagonist). No clinically significant differences in glucose levels were observed when metformin (OCT2/MATE1 substrate) was co-administered with pemigatinib.

In Vitro Studies

CYP Enzymes: Pemigatinib is not an inhibitor of CYP1A2, CYP2B6, CYP2C8, CYP2C9, CYP2C19, CYP2D6, or CYP3A4 or an inducer of CYP1A2, CYP2B6, or CYP3A4.

Transporter Systems: Pemigatinib is a substrate of both P-gp and BCRP. P-gp or BCRP inhibitors are not expected to affect pemigatinib exposure at clinically relevant concentrations. Pemigatinib is an inhibitor of P-gp, OCT2, and MATE1. Pemigatinib may increase serum creatinine by decreasing renal tubular secretion of creatinine; this may occur due to inhibition of renal transporters OCT2 and MATE1 and may not affect glomerular function [see *Adverse Reactions (6.1)*].

13 NONCLINICAL TOXICOLOGY

13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility

Carcinogenicity studies have not been conducted with pemigatinib.

Pemigatinib was not mutagenic in an in vitro bacterial reverse mutation (Ames) assay and was not clastogenic in either an in vitro chromosome aberration assay or an in vivo micronucleus assay in rats.

Dedicated fertility studies with pemigatinib have not been conducted. Oral administration of pemigatinib did not result in any dose-related findings likely to result in impaired fertility in male and female reproductive organs.

14 CLINICAL STUDIES

14.1 Cholangiocarcinoma

FIGHT-202 (NCT02924376), a multicenter open-label single-arm trial, evaluated the efficacy of PEMAZYRE in 107 patients with locally advanced unresectable or metastatic cholangiocarcinoma whose disease had progressed on or after at least 1 prior therapy and who had an FGFR2 gene fusion or non-fusion rearrangement, as determined by a clinical trial assay performed at a central laboratory. Qualifying in-frame fusions and other rearrangements were predicted to have a breakpoint within intron 17/exon 18 of the FGFR2 gene leaving the FGFR2 kinase domain intact.

Patients received PEMAZYRE in 21-day cycles at a dosage of 13.5 mg orally once daily for 14 consecutive days, followed by 7 days off therapy. PEMAZYRE was administered until disease progression or unacceptable toxicity. The major efficacy outcome measures were overall response rate (ORR) and duration of response (DoR) as determined by an independent review committee (IRC) according to RECIST v1.1.

The median age was 56 years (range: 26 to 77 years), 61% were female, 74% were White, and 95% had a baseline Eastern Cooperative Oncology Group (ECOG) performance status of 0 (42%) or 1 (53%). Ninety-eight percent of patients had intrahepatic cholangiocarcinoma. Eighty-six percent of patients had in-frame FGFR2 gene fusions and the most commonly identified FGFR2 fusion was FGFR2-BICC1 (34%). Fourteen percent of patients had other FGFR2 rearrangements that could not be confidently predicted to be in-frame fusions, including rearrangements without an identifiable partner gene. All patients had received at least 1 prior line of systemic therapy, 27% had 2 prior lines of therapy, and 12% had 3 or more prior lines of therapy. Ninety-six percent of patients had received prior platinum-based therapy including 76% with prior gemcitabine/cisplatin.

Efficacy results are summarized in Table 5.

The median time to response was 2.7 months (range 0.7 - 6.9 months).

Table 5: Efficacy Results in FIGHT-202

| Efficacy Parameter | PEMAZYRE N = 107 |
|--------------------------------------|-----------------------------|
| ORR (95% CI) | 36% (27, 45) |
| Complete response | 2.8% |
| Partial response | 33% |
| Median DoR (months) (95% CI)* | 9.1 (6.0, 14.5) |

| | |
|---|----------|
| Patients with DoR \geq 6 months, n (%) | 24 (63%) |
| Patients with DoR \geq 12 months, n (%) | 7 (18%) |

* The 95% confidence interval (CI) was calculated using the Brookmeyer and Crowley's method.

Note: Data are from IRC per RECIST v1.1, and complete and partial responses are confirmed.

16 HOW SUPPLIED/STORAGE AND HANDLING

PEMAZYRE tablets are available as follows:

- 4.5 mg: Round, white to off-white debossed on one side with "I" and "4.5" on the other side in bottles of 14 with child-resistant closure, NDC 50881-026-01
- 9 mg: Oval, white to off-white debossed on one side with "I" and "9" on the other side in bottles of 14 with child-resistant closure, NDC 50881-027-01
- 13.5 mg: Round, white to off-white debossed on one side with "I" and "13.5" on the other side in bottles of 14 with child-resistant closure, NDC 50881-028-01

Store PEMAZYRE tablets at room temperature 20°C - 25°C (68°F - 77°F); excursions permitted to 15°C - 30°C (59°F - 86°F).

17 PATIENT COUNSELING INFORMATION

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

Ocular Toxicity

Advise patients that PEMAZYRE may cause ocular toxicity including RPED and to immediately inform their healthcare provider if they experience any visual changes. Also advise patients that they should use artificial tear or substitutes, hydrating or lubricating eye gels in order to prevent or treat dry eyes [see *Warnings and Precautions (5.1)*].

Hyperphosphatemia and Soft Tissue Mineralization

Inform patients that they may experience increase in phosphate levels and of the need to monitor serum phosphate levels. Advise patients to immediately inform their healthcare provider of any symptoms related to acute change in phosphate levels such as muscle cramps, numbness, or tingling around the mouth [see *Warnings and Precautions 5.2*].

Nail Disorders

Advise patients that PEMAZYRE may cause nail disorders [see *Adverse Reactions (6.1)*].

Embryo-Fetal Toxicity

- Advise females to inform their healthcare provider if they are pregnant or become pregnant. Inform female patients of the risk to a fetus and potential loss of pregnancy [see *Warnings and Precautions (5.3)* and *Use in Specific Populations (8.1)*].
- Advise females of reproductive potential to use effective contraception during treatment with PEMAZYRE and for 1 week after the final dose [see *Use in Specific Populations (8.3)*].
- Advise males with female partners of reproductive potential or who are pregnant to use effective contraception during treatment and for 1 week after receiving the final dose of PEMAZYRE [see *Use in Specific Populations (8.3)*].

Lactation

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

Administration

- Instruct patients do not crush, chew, split or dissolve tablets.
- Instruct patients if they miss a dose by 4 or more hours or if they vomit after taking a dose, resume dosing with the next scheduled dose. Extra tablets should not be taken to make up for the missed dose [see *Dosage and Administration (2.2)*].

Drug Interactions

Advise patients to inform their healthcare providers of all concomitant medications, herbal and dietary supplements. Advise patients to avoid grapefruit products during treatment with PEMAZYRE [see *Drug Interactions (7.1)*].

Manufactured for:
Incyte Corporation
Wilmington, DE 19803

PEMAZYRE is a registered trademark of Incyte Corporation.

U.S. Patent Nos. 9,611,267 and 10,131,667

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PATIENT INFORMATION PEMAZYRE® (pemah zeer) (pemigatinib) tablets

What is PEMAZYRE?

PEMAZYRE is a prescription medicine that is used to treat adults with bile duct cancer (cholangiocarcinoma) that has spread or cannot be removed by surgery:

- who have already received a previous treatment, **and**
- whose tumor has a certain type of abnormal "FGFR2" gene.

Your healthcare provider will test your cancer for a certain type of abnormal FGFR2 gene and make sure that PEMAZYRE is right for you.

It is not known if PEMAZYRE is safe and effective in children.

Before you take PEMAZYRE, tell your healthcare provider about all of your medical conditions, including if you:

- have vision or eye problems
- have kidney problems
- have liver problems
- are pregnant or plan to become pregnant. PEMAZYRE can harm your unborn baby or cause loss of your pregnancy (miscarriage). You should not become pregnant during treatment with PEMAZYRE.

Females who can become pregnant:

◦ Your healthcare provider should do a pregnancy test before you start treatment with PEMAZYRE.

◦ You should use an effective method of birth control during treatment and for 1 week after your final dose of PEMAZYRE. Talk to your healthcare provider about birth control methods that may be right for you.

◦ Tell your healthcare provider right away if you become pregnant or think that you may be pregnant.

Males with female partners who can become pregnant:

◦ You should use effective birth control when sexually active during treatment with PEMAZYRE and for 1 week after your final dose of PEMAZYRE.

- are breastfeeding or plan to breastfeed. It is not known if PEMAZYRE passes into your breast milk. Do not breastfeed during treatment and for 1 week after your final dose of PEMAZYRE.

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

How should I take PEMAZYRE?

- Take PEMAZYRE exactly as your healthcare provider tells you.
- PEMAZYRE is taken in cycles of 21 days. Take PEMAZYRE 1 time each day for 14 days, followed by 7 days off treatment, to complete a 21-day treatment cycle.
- Take PEMAZYRE 1 time each day at about the same time each day.
- Take PEMAZYRE with or without food.
- Swallow tablets whole. **Do not** crush, chew, split, or dissolve PEMAZYRE tablets.
- You should not eat or drink grapefruit products during treatment with PEMAZYRE.
- Your healthcare provider may change your dose of PEMAZYRE, or may temporarily or completely stop treatment if you get certain side effects.
- If you miss a dose of PEMAZYRE, you can take the missed dose within 4 hours on the same day. If more than 4 hours have passed, do not make up the dose. Take your regular dose of PEMAZYRE the next day at the usual time. **Do not** take more PEMAZYRE than prescribed to make up for the missed dose.
- If you vomit after taking PEMAZYRE, **do not** take another PEMAZYRE tablet. Take your regular dose of PEMAZYRE the next day at the usual time.

What are the possible side effects of PEMAZYRE?

PEMAZYRE may cause serious side effects, including:

- **Eye problems.** Certain eye problems are common with PEMAZYRE but can also be serious. Eye problems include dry eye or inflamed eyes, inflamed cornea (front part of the eye), increased tears, and a disorder of the retina (an internal part of the eye). You will need to see an eye specialist for a complete eye exam before you begin treatment with PEMAZYRE, every 2 months for the first 6 months, and then every 3 months during treatment with PEMAZYRE.
 - You should use artificial tears or substitutes, hydrating or lubricating eye gels as needed, to help prevent or treat dry eyes.
 - **Tell your healthcare provider right away** if you develop any changes in your vision during treatment with PEMAZYRE, including: blurred vision, flashes of light, or see black spots. You may need to see an eye specialist right away.
- **High phosphate levels in your blood (hyperphosphatemia) and buildup of**

minerals in different tissues in your body. Hyperphosphatemia is common with PEMAZYRE but can also be serious. High levels of phosphate in your blood may lead to buildup of minerals such as calcium, in different tissues in your body. Your healthcare provider will check your blood phosphate levels during treatment with PEMAZYRE.

- Your healthcare provider may prescribe changes in your diet or phosphate lowering therapy, or change, interrupt or stop PEMAZYRE if needed.
- Tell your healthcare provider right away if you develop any muscle cramps, or numbness or tingling around your mouth.

The most common side effects of PEMAZYRE include:

- hair loss
- diarrhea
- nails separate from the bed or poor formation of the nail
- feeling tired
- change in sense of taste
- nausea
- constipation
- mouth sores
- dry eyes
- dry mouth
- decrease in appetite
- vomiting
- joint pain
- stomach-area (abdominal) pain
- low phosphate in blood
- back pain
- dry skin

These are not all the possible side effects of PEMAZYRE. 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 PEMAZYRE?

- Store PEMAZYRE at room temperature between 68°F to 77°F (20°C to 25°C).

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

General information about the safe and effective use of PEMAZYRE

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

What are the ingredients in PEMAZYRE?

Active ingredient: pemigatinib

Inactive ingredients: magnesium stearate, microcrystalline cellulose, and sodium starch glycolate.

Manufactured for: Incyte Corporation, Wilmington, DE 19803

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For more information, call Incyte at 1-855-463-3463 or go to www.PEMAZYRE.com

4.5 mg Tablet Bottle Label

Rx only

NDC 50881-026-01

Pemazyre™ (pemigatinib) tablets

4.5 mg

14 tablets

The image shows a rectangular white label for a 4.5 mg tablet bottle. On the left, there is the Incyte logo and contact information. The center features the product name 'Pemazyre™ (pemigatinib) tablets' and a large yellow box with '4.5 mg' in black. Below this, it says '14 tablets'. On the right, there is a barcode and a pink section with tracking information: GTIN 12345678901234, SN 12345678901234, LOT 12345, and EXP YYYY MMM DD. A small white box is present in the pink section.

Incyte Incyte Corporation
1-855-4-INCYTE
(855-446-2983)

Recommended Dosage:
See Prescribing Information.
Dispense in a tight container
(See USP).
Store at room temperature
20°C to 25°C (68°F to 77°F);
excursions permitted between
15°C and 30°C (59°F to 86°F)
[See USP Controlled Room
Temperature].
**Keep out of reach of
children.**
Manufactured for:
Incyte Corporation
Wilmington, DE 19803

Rx only NDC 50881-**026**-01

Pemazyre™
(pemigatinib) tablets

4.5 mg

14 tablets

XXXXXXXX

GTIN 12345678901234
SN 12345678901234
LOT 12345
EXP YYYY MMM DD

9 mg Tablet Bottle Label

Rx only

NDC 50881-027-01

Pemazyre™ (pemigatinib) tablets

9 mg

14 tablets



Incyte Corporation
1-855-4-INCYTE
(855-446-2983)

Recommended Dosage:
See Prescribing Information.

Dispense in a tight container
(See USP).

Store at room temperature
20°C to 25°C (68°F to 77°F);
excursions permitted between
15°C and 30°C (59°F to 86°F)
[See USP Controlled Room
Temperature].

**Keep out of reach of
children.**

Manufactured for:
Incyte Corporation
Wilmington, DE 19803

Rx only

NDC 50881-027-01

Pemazyre™
(pemigatinib) tablets

9 mg

14 tablets



XXXXXX

GTIN 12345678901234
SN 12345678901234
LOT 12345
EXP YYYY MMM DD



13.5 mg Tablet Bottle Label

Rx only

NDC 50881-028-01

Pemazyre™ (pemigatinib) tablets

13.5 mg

14 tablets



Incyte Corporation
1-855-4-INCYTE
(855-446-2983)

Recommended Dosage:
See Prescribing Information.

Dispense in a tight container
(See USP).

Store at room temperature
20°C to 25°C (68°F to 77°F);
excursions permitted between
15°C and 30°C (59°F to 86°F)
[See USP Controlled Room
Temperature].

**Keep out of reach of
children.**

Manufactured for:
Incyte Corporation
Wilmington, DE 19803

Rx only

NDC 50881-028-01

Pemazyre™
(pemigatinib) tablets

13.5 mg

14 tablets



XXXXXX

GTIN 12345678901234
SN 12345678901234
LOT 12345
EXP YYYY MMM DD



PEMAZYRE

pemigatinib tablet

Product Information

| | | | |
|--------------------------------|-------------------------|---------------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:50881-026 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|--|--------------------------|-----------------|
| PEMIGATINIB (UNII: Y6BX7BL23K) (PEMIGATINIB - UNII:Y6BX7BL23K) | PEMIGATINIB | 4.5 mg |

Inactive Ingredients

| Ingredient Name | Strength |
|---------------------------------------|-----------------|
| MAGNESIUM STEARATE (UNII: 70097M6130) | |

Product Characteristics

| | | | |
|-----------------|----------------------------|---------------------|----------|
| Color | WHITE (White to off-white) | Score | no score |
| Shape | ROUND | Size | 6mm |
| Flavor | | Imprint Code | I;45 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|--|----------------------|--------------------|
| 1 | NDC:50881-026-01 | 14 in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product | 04/17/2020 | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|---------------------------|---|-----------------------------|---------------------------|
| NDA | NDA213736 | 04/17/2020 | |

PEMAZYRE

pemigatinib tablet

Product Information

| | | | |
|--------------------------------|-------------------------|---------------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:50881-027 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|--|-------------------|----------|
| PEMIGATINIB (UNII: Y6BX7BL23K) (PEMIGATINIB - UNII:Y6BX7BL23K) | PEMIGATINIB | 9 mg |

Product Characteristics

| | | | |
|----------|----------------------------|--------------|----------|
| Color | WHITE (White to off-white) | Score | no score |
| Shape | OVAL | Size | 10mm |
| Flavor | | Imprint Code | I;9 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|------------------|--|----------------------|--------------------|
| 1 | NDC:50881-027-01 | 14 in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product | 04/17/2020 | |

Marketing Information

| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date |
|--------------------|--|----------------------|--------------------|
| NDA | NDA213736 | 04/17/2020 | |

PEMAZYRE

pemigatinib tablet

Product Information

| | | | |
|-------------------------|-------------------------|--------------------|---------------|
| Product Type | HUMAN PRESCRIPTION DRUG | Item Code (Source) | NDC:50881-028 |
| Route of Administration | ORAL | | |

Active Ingredient/Active Moiety

| Ingredient Name | Basis of Strength | Strength |
|--|-------------------|----------|
| PEMIGATINIB (UNII: Y6BX7BL23K) (PEMIGATINIB - UNII:Y6BX7BL23K) | PEMIGATINIB | 13.5 mg |

Product Characteristics

| | | | |
|----------|----------------------------|--------------|----------|
| Color | WHITE (White to off-white) | Score | no score |
| Shape | ROUND | Size | 9mm |
| Flavor | | Imprint Code | I;135 |
| Contains | | | |

Packaging

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|---|-----------|---------------------|----------------------|--------------------|
|---|-----------|---------------------|----------------------|--------------------|

| # | Item Code | Package Description | Marketing Start Date | Marketing End Date |
|------------------------------|--|--|----------------------|--------------------|
| 1 | NDC:50881-028-01 | 14 in 1 BOTTLE, PLASTIC; Type 0: Not a Combination Product | 04/17/2020 | |
| Marketing Information | | | | |
| Marketing Category | Application Number or Monograph Citation | Marketing Start Date | Marketing End Date | |
| NDA | NDA213736 | 04/17/2020 | | |

Labeler - Incyte Corporation (556967347)

Revised: 2/2021

Incyte Corporation