

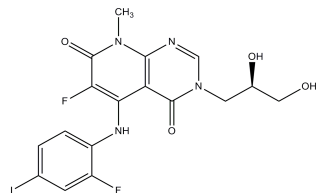
PRODUCT: TAK-733

ALTERNATE NAME: (R)-3-(2,3-dihydroxypropyl)-6-fluoro-5-(2-fluoro-4-iodophenylamino)-8-methylpyrido[2,3-d]pyrimidine-4,7(3H,8H)-dione

CATALOG #: 2460-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₇H₁₅F₂IN₄O₄

MOLECULAR WEIGHT: 504.23

CAS#: 1035555-63-5

APPEARANCE: Crystalline solid

SOLUBILITY: DMSO (>100 mg/ml)

PURITY: >98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

DESCRIPTION: A potent, selective, non-ATP competitive, allosteric MEK inhibitor. TAK-733 selectively binds to and inhibits the activity of MEK1/2, preventing the activation of MEK1/2-dependent effector proteins and transcription factors, which may result in the inhibition of growth factor-mediated cell signaling and tumor cell proliferation.

REFERENCES: Von, E.W., *et al.* (2012). *Mol. Cancer* **11**, 22.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

- Alsterpaullone (Cat. No. 1897-1,5)
- AZD-6244 (Cat. No. 2234-5, 25)
- Butyrolactone I (Cat. No. 1690-200)
- Doramapimod (Cat. No. 1954-5, 25)
- Flavopiridol (Cat. No. 2090-1, 5)
- 10Z-Hymenialdisine (Cat. No. 2212-250, 1000)
- Kenpaullone (Cat. No. 1904-1)
- MEK-162 (Cat. No. 2254-5, 25)
- PD1834352 (CI-1040) (Cat. No. 1585-1,5,25)
- EZSolution™ PD184352 (Cat. No. 1871-1)
- PD325901 (Cat. No. 1643-2, 5, 25)
- PD98059 (Cat. No. 1666-5)
- EZSolution™ PD98059 (Cat. No. 1783-5)
- RO-3306 (Cat. No. 2039-1,5)
- Roscovitine (Cat. No. 1950-1,5)
- SB 203580 (Cat. No. 1712-1, 5)
- EZSolution™ SB203580 (1786-1)
- Sorafenib (Cat. No. 1594-25, 100)
- TG003 (Cat. No. 1905-5, 25)
- 7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)
- U0126 (Cat. No. 1668-5)
- VX-702 (Cat. No. 1598-1,5)

FOR RESEARCH USE ONLY! Not to be used in humans.