

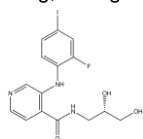
PRODUCT: Pimasertib

ALTERNATE NAMES: AS-703026; AS 703026; AS703026; SAR245509; SAR 245509; SAR-245509; MSC1936369B; MSC-1936369B; MSC 1936369B; N-[(2S)-2,3-dihydroxypropyl]-3-(2-fluoro-4-iodoanilino)pyridine-4-carboxamide; (S)-N-(2,3-dihydroxypropyl)-3-((2-fluoro-4-iodophenyl)amino)isonicotinamide

CATALOG#: B1698-5, -25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₅H₁₅FIN₃O₃

MOLECULAR WEIGHT: 431.2

CAS NUMBER: 1236699-92-5

APPEARANCE: Solid powder

SOLUBILITY: DMSO

PURITY: >98%

STORAGE: Dry, dark and at 4°C for short term (days to weeks) or at -20°C for long term. Protect from air and light.

DESCRIPTION: Pimasertib, also known as AS703026, SAR245509, MSC1936369B, is a n orally bioavailable small-molecule inhibitor of MEK1 and MEK2 (MEK1/2) with potential antineoplastic activity.

REFERENCES:

- Kim K, et al. Blockade of the MEK/ERK signalling cascade by AS703026, a novel selective MEK1/2 inhibitor, induces pleiotropic anti-myeloma activity in vitro and in vivo. *Br J Haematol*, 2010, 149(4), 537-549.
- Yoon J, et al. MEK1/2 inhibitors AS703026 and AZD6244 may be potential therapies for KRAS mutated colorectal cancer that is resistant to EGFR monoclonal antibody therapy. *Cancer Res*, 2011, 71(2), 445-453.
- Park SJ, et al. The MEK1/2 inhibitor AS703026 circumvents resistance to the BRAF inhibitor PLX4032 in human malignant melanoma cells. *Am J Med Sci*. 2013 Dec;346(6):494-8.

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)
- 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)
- 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)

USAGE:

FOR RESEARCH USE ONLY! Not to be used in humans