

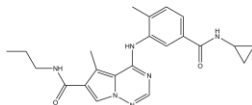
PRODUCT: BMS-582949

ALTERNATE NAMES: BMS582949; BMS 582949; PS-540446; PS 540446; PS540446; 4-((5-(cyclopropylcarbamoyl)-2-methylphenyl)amino)-5-methyl-N-propylpyrrolo[2,1-f][1,2,4]triazine-6-carboxamide

CATALOG#: B1704-1, -5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₆N₆O₂

MOLECULAR WEIGHT: 406.48

CAS NUMBER: 623152-17-0

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: BMS-582949 is a potent and selective P38 mitogen-activated protein kinase (P38 MAPK) inhibitor.

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

REFERENCES:

- Liu C et al. Discovery of 4-(5-(cyclopropylcarbamoyl)-2-methylphenylamino)-5-methyl-N-propylpyrrolo[1,2f][1,2,4]triazine-6-carboxamide (BMS-582949), a clinical p38 α MAP kinase inhibitor for the treatment of inflammatory diseases. *J Med Chem.* 2010 Sep 23;53(18):6629-39.
- Emami H et al. The effect of BMS-582949, a P38 mitogen-activated protein kinase (P38 MAPK) inhibitor on arterial inflammation: a multicenter FDG-PET trial. *Atherosclerosis.* 2015 Jun;240(2):490-6.

RELATED PRODUCTS:

- Alsterpaullone (Cat. No. 1897-1, 5)
- AZD-6244 (Cat. No. 2234-5, 25)
- BIX01289 (Cat. No. 2670-1, 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)
- 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)
- SB202190 (Cat. No. 2493-5, 25)
- Sorafenib (Cat. No. 1594-25, 100)
- TAK733 (Cat. No. 2460-5, 25)
- 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)
- VX-745 (Cat. No. 2812-5, 25)

USAGE: **FOR RESEARCH USE ONLY! Not to be used in humans**