

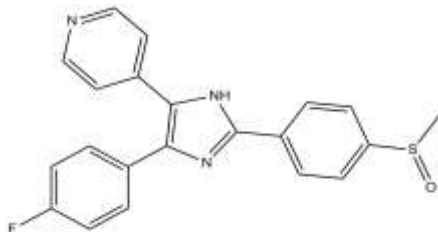
SB 203580

ALTERNATE NAME: [4-(4-Fluorophenyl)-2-(4-methylsulfinylphenyl)-5-(4-pyridyl)1H-imidazole

CATALOG #: 1712-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₆FN₃OS

MOLECULAR WEIGHT: 377.43

CAS NUMBER: 152121-47-6

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (>50 mg/ml) or warm ethanol (12 mg/ml)

PURITY: ≥99% by HPLC

STORAGE: Store at -20°C.

DESCRIPTION: Cell-permeable. Selective inhibitor of p38 mitogen-activated protein kinase (MAP Kinase) (IC₅₀ values are 50 and 500 nM for SAPK2a/p38 and SAPK2b/p38β 2 respectively). Displays 100-500-fold selectivity over LCK, GSK3β and PKBα.

REFERENCES: Hazzalin, C.A., *et al.* (1997). *Oncogene* **15**, 2321-2331; Gallagher, T.F., *et al.* (1995). *Bioorg. Med. Chem. Lett.* **5**, 1171-1176

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

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

RELATED PRODUCTS:

- CI-1040(PD 184352) (Cat. No. 1585-5, 25)
- PD 98059 (Cat. No. 1666-5)
- PD-0325901 (Cat. No. 1643-2)
- U0126 (Cat. No. 1668-5)
- Sorafenib (Cat. No. 1594-25, 100)
- VX-702 (Cat. No. 1598-1,5)