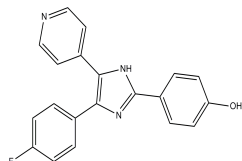


Product: SB 202190**ALTERNATE NAME:** 4-[4-(4-fluorophenyl)-5-(4-pyridinyl)-1H-imidazol-2-yl]-phenol**CATALOG #:** 2493-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₀H₁₄FN₃O**MOLECULAR WEIGHT:** 331.34**CAS No.** 152121-30-7**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO (>30 mg/ml)**PURITY:** >98%**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** SB 202190 is a highly selective, potent, cell-permeable inhibitor of p38 MAP kinases, inhibiting p38 α (SAPK2A, MAPK14) and p38 β (SAPK2B, MAPK11) with IC₅₀ values of 50 and 100 nM, respectively. At higher concentrations (10 μ M), SB 202190 displays negligible effects on several other kinases including other MAP kinases (ERKs, JNKs).**REFERENCES:** Nemoto, S., *et al.* (1998). *J. Biol. Chem.* **273**, 16415-16420.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Alsterpauillone (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)
Kenpauillone (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)
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)

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