

S-3400 SB 203580, >99%

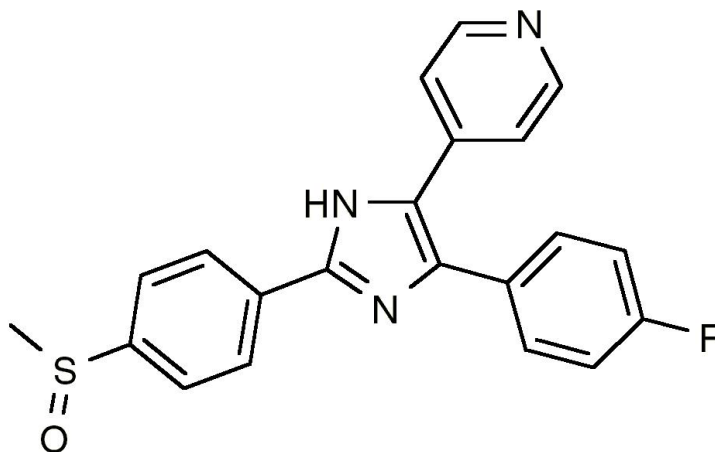
[4-(4'-Fluorophenyl)-2-(4'-methylsulfinylphenyl)-5-(4'-pyridyl)imidazole]

M.W. 377.44

C₂₁H₁₆FN₃OS

Storage: Store at or below -20 °C. **Solubility:** Soluble in DMSO. **Appearance:** white to off-white solid. **Disposal:** A

- Important, highly specific new inhibitor of the kinase known variously as p38, p40, CSBP, or RK. This kinase is a homolog of MAP kinase. Gallagher, T. F. *et al.* "2,4,5-Triarylimidazole inhibitors of Il-1 biosynthesis." *Bioorg. Med. Chem. Lett.* **5**: -1176 (1995). Cuenda, A. *et al.* "SB203580 is a specific inhibitor of MAP kinase homologue which is stimulated by cellular stresses and interleukin-1." *FEBS Lett.* **364**: 229-233 (1995). Hazzalin, C.A. *et al.* "Effects of the inhibition of p38/RK MAP kinase on induction of five *fos* and *jun* genes by diverse stimuli." *Oncogene* **15**: 2321-2331 (1997).



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