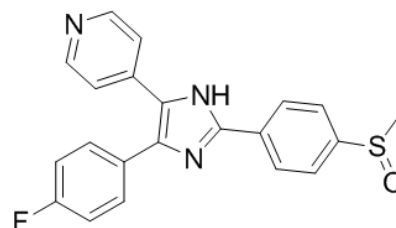


Product Name : SB 203580
Cat. No. : PC-42491
CAS No. : 152121-47-6
Molecular Formula : C₂₁H₁₆FN₃OS
Molecular Weight : 377.4346
Target : p38 MAPK
Solubility : DMSO: ≥ 33 mg/mL



Biological Activity

A specific p38 MAPK inhibitor with IC₅₀ of 0.6 μM; shows selectivity over JNK, p42 MAPK, p90 S6K, p70 S6K, PKA, etc.; suppresses the activation of MAPKAP kinase-2 and prevents the phosphorylation of HSP27 in response to interleukin-1, cellular stresses and bacterial endotoxin in vivo.

References

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Lali FV, et al. J Biol Chem. 2000 Mar 10;275(10):7395-402.
Badger AM, et al. J Pharmacol Exp Ther. 1996 Dec;279(3):1453-61.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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