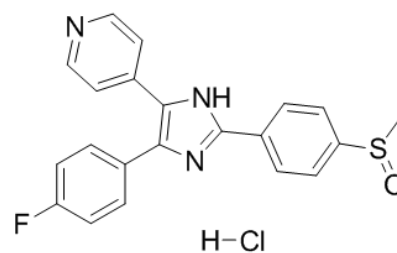


Product Name : SB 203580 hydrochloride
Cat. No. : PC-42492
CAS No. : 869185-85-3
Molecular Formula : C₂₁H₁₇ClFN₃OS
Molecular Weight : 413.8956
Target : p38 MAPK
Solubility : H₂O: 8.43 mg/mL



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

Cuenda A, et al. FEBS Lett. 1995 May 8;364(2):229-33.

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!

E-mail: tech@probechem.com