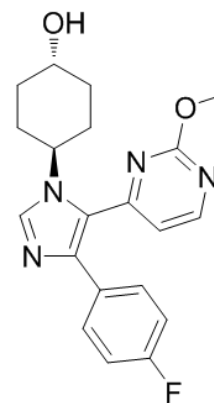


Product Name : SB 239063
Cat. No. : PC-42803
CAS No. : 193551-21-2
Molecular Formula : C₂₀H₂₁N₄O₂
Molecular Weight : 368.4048
Target : p38 MAPK
Solubility : 10 mM in DMSO
4. Legos JJ, et al. Brain Res. 2001 Feb 16;892(1):70-7.



Biological Activity

A potent, selective, orally available p38 MAPK inhibitor with IC₅₀ of 44 nM for both p38 α and p38 β ; shows no activity (>100 μ M) against the γ - and δ -kinase isoforms, and a panel of protein kinase; inhibits IL-1 and TNF-alpha production in LPS-stimulated human PBMCs (IC₅₀= 0.12 and 0.35 μ M); reduces inflammatory cytokine production, airways eosinophil infiltration and persistence in vivo.

References

- Underwood DC, et al. J Pharmacol Exp Ther. 2000 Apr;293(1):281-8.
Underwood DC, et al. Am J Physiol Lung Cell Mol Physiol. 2000 Nov;279(5):L895-902.
Barone FC, et al. J Pharmacol Exp Ther. 2001 Feb;296(2):312-21.

