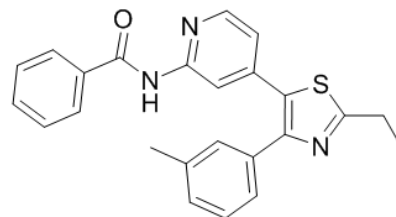


Product Name : TAK-715
Cat. No. : PC-42599
CAS No. : 303162-79-0
Molecular Formula : C₂₄H₂₁N₃OS
Molecular Weight : 399.508
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective, orally active p38 α MAPK inhibitor with IC₅₀ of 7.1 nM; displays >20-fold selectivity over p38 β , no inhibition to p38 γ/δ , JNK1, ERK1, IKK β , MEKK1 or TAK1; inhibits LPS-stimulated release of TNF-alpha from THP-1 with IC₅₀ of 48 nM; exerts significant efficacy in rat adjuvant-induced arthritis model.

Rheumatoid Arthritis

Phase 2 Discontinued

References

Miwatashi S, et al. J Med Chem. 2005 Sep 22;48(19):5966-79.

Verkaar F, et al. Chem Biol. 2011 Apr 22;18(4):485-94.

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

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