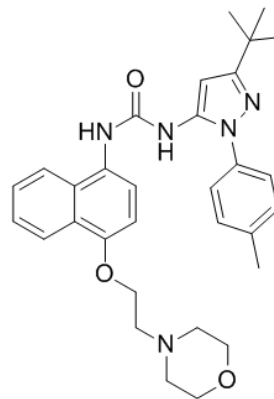


Product Name : Doramapimod
Cat. No. : PC-42520
CAS No. : 285983-48-4
Molecular Formula : C₃₁H₃₇N₅O₃
Molecular Weight : 527.6572
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

A highly potent p38 MAPK inhibitor with K_d of 0.1 nM; displays no activity on ERK1, IKK2b, ZAP-70, EGFR, PKA, PKC, etc.; shows inhibition of TNF α inTHP.1 with IC₅₀ of 18 nM; orally active.

References

- Pargellis C, et al. Nat Struct Biol. 2002 Apr;9(4):268-72.
Regan J, et al. J Med Chem. 2002 Jul 4;45(14):2994-3008.
Gruenbaum LM, et al. Biochem Pharmacol. 2009 Feb 1;77(3):422-32.

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

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