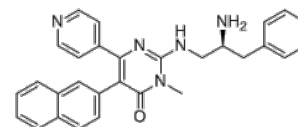


Product Name : AMG-548
Cat. No. : PC-62439
CAS No. : 864249-60-5
Molecular Formula : C₂₉H₂₇N₅O
Molecular Weight : 461.569
Target : p38 MAPK
Solubility : 10 mM in DMSO



Biological Activity

AMG-548 is a potent and selective inhibitor of **p38 α** with K_i of 0.5 nM, displays weak inhibition for p38 β (K_i =3.6 nM), and >5,000-fold selectivity over p38 γ and p38 δ .

AMG-548 shows >1,000-fold selectivity over other 36 kinases, and is efficacious in acute and chronic models of arthritis.

References

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Lee MR, et al. *Curr Med Chem*. 2005;12(25):2979-94.

Dominguez C, et al. *Curr Opin Drug Discov Devel*. 2005 Jul;8(4):421-30.

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

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