

M090

Chemical Properties

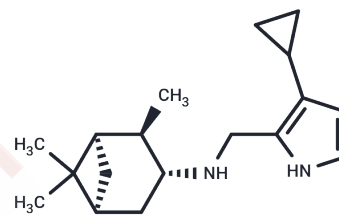
CAS No. :

Formula: C₁₈H₂₈N₂

Molecular Weight: 272.44

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	M090 is a potent inhibitor against amantadine-resistant viruses, including the 2009 H1N1 pandemic strains and oseltamivir-resistant viruses.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6705 mL	18.3527 mL	36.7053 mL
5 mM	0.7341 mL	3.6705 mL	7.3411 mL
10 mM	0.3671 mL	1.8353 mL	3.6705 mL
50 mM	0.0734 mL	0.3671 mL	0.7341 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Zhao X, Li R, Zhou Y, Xiao M, Ma C, Yang Z, Zeng S, Du Q, Yang C, Jiang H, Hu Y, Wang K, Mok CKP, Sun P, Dong J, Cui W, Wang J, Tu Y, Yang Z, Hu W. Discovery of Highly Potent Pinanamine-Based Inhibitors against Amantadine- and Oseltamivir-Resistant Influenza A Viruses. *J Med Chem*. 2018 Jun 11. doi: 10.1021/acs.jmedchem.8b00042. [Epub ahead of print] PubMed PMID: 29799746.

Ong JJ, Rountrey AN, Zinke J, Meeuwig JJ, Grierson PF, O'Donnell AJ, Newman SJ, Lough JM, Trougan M, Meekan MG. Evidence for climate-driven synchrony of marine and terrestrial ecosystems in northwest Australia. *Glob Chang Biol*. 2016 Aug;22(8):2776-86. doi: 10.1111/gcb.13239. Epub 2016 Mar 11. PubMed PMID: 26970074.

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Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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