

YM-75440

Chemical Properties

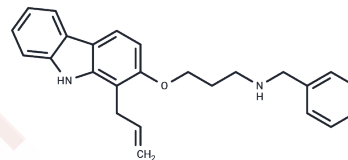
CAS No. : 780736-74-5

Formula: C₂₅H₂₆N₂O

Molecular Weight: 370.49

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	YM-75440 is an squalene synthase inhibitor with oral activity.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6991 mL	13.4956 mL	26.9913 mL
5 mM	0.5398 mL	2.6991 mL	5.3983 mL
10 mM	0.2699 mL	1.3496 mL	2.6991 mL
50 mM	0.054 mL	0.2699 mL	0.5398 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

Ishihara T, Kakuta H, Moritani H, Ugawa T, Yanagisawa I. Synthesis and biological evaluation of novel propylamine derivatives as orally active squalene synthase inhibitors. *Bioorg Med Chem*. 2004 Nov 15;12(22):5899-908. PubMed PMID: 15498666.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481