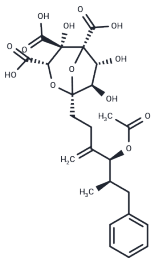
Data Sheet (Cat.No.T24826)

TargetMol

Squalestatin 3

Chemical Properties



CAS No. : 142505-92-8

Formula: C25H30O13

Molecular Weight: 538.5

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	Squalestatin 3 is an inhibitor of squalene synthase.
Targets(IC50)	Others,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.857 mL	9.2851 mL	18.5701 mL
5 mM	0.3714 mL	1.857 mL	3.714 mL
10 mM	0.1857 mL	0.9285 mL	1.857 mL
50 mM	0.0371 mL	0.1857 mL	0.3714 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

Middleton RF, Foster G, Cannell RJ, Sidebottom PJ, Taylor NL, Noble D, Todd M, Dawson MJ, Lawrence GC. Novel squalestatins produced by biotransformation. J Antibiot (Tokyo). 1995 Apr;48(4):311-6. PubMed PMID: 7775268.
Fulton DC, Tait M, Threlfall DR. Comparative study of the inhibition of rat and tobacco squalene synthase by squalestatins. Phytochemistry. 1995 Mar;38(5):1137-41. PubMed PMID: 7766395.

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