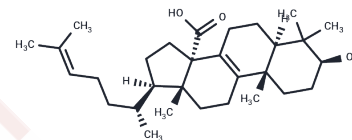


Penasterol

Chemical Properties

CAS No. :	116424-94-3
Formula:	C ₃₀ H ₄₈ O ₃
Molecular Weight:	456.7
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	Penasterol suppresses IgE-dependent histamine release.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1896 mL	10.9481 mL	21.8962 mL
5 mM	0.4379 mL	2.1896 mL	4.3792 mL
10 mM	0.219 mL	1.0948 mL	2.1896 mL
50 mM	0.0438 mL	0.219 mL	0.4379 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

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- Takei M, Umeyama A, Shoji N, Arihara S, Endo K. Mechanism of inhibition of IgE-dependent histamine release from rat mast cells by penasterol and penasterone. *J Pharm Sci*. 1995 Feb;84(2):228-30. PubMed PMID: 7537812.
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