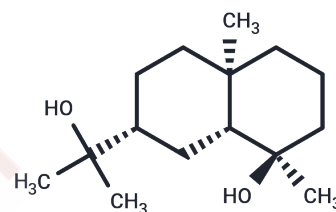


Cryptomeridiol

Chemical Properties

CAS No. :	4666-84-6
Formula:	C ₁₅ H ₂₈ O ₂
Molecular Weight:	240.387
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	Cryptomeridiol is a potential skin-whitening agent, exhibits melanogenesis inhibitory activity on α -MSH-stimulated B16 melanoma cells. Cryptomeridiol has low activity against <i>A. niger</i> , <i>T. mentagrophytes</i> , and <i>C. albicans</i> . (-)-Cryptomeridiol also exhibits a significant and concentration-dependent inhibitory effect on PAF receptor binding, with inhibitory concentration (IC) ₅₀ values of 17.5 μ M.
Targets(IC ₅₀)	Antifection,PAFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.1599 mL	20.7995 mL	41.5991 mL
5 mM	0.832 mL	4.1599 mL	8.3198 mL
10 mM	0.416 mL	2.080 mL	4.1599 mL
50 mM	0.0832 mL	0.416 mL	0.832 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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