

Sarcosterol

Chemical Properties

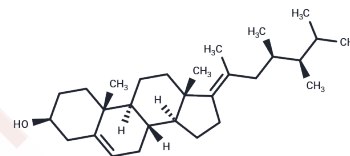
CAS No. : 73731-24-5

Formula: C₂₉H₄₈O

Molecular Weight: 412.69

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	Sarcosterol is a marine sterol from the soft coral <i>Sinularia mayi</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4231 mL	12.1156 mL	24.2313 mL
5 mM	0.4846 mL	2.4231 mL	4.8463 mL
10 mM	0.2423 mL	1.2116 mL	2.4231 mL
50 mM	0.0485 mL	0.2423 mL	0.4846 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

Kobayashi M, Tomioka A, Mitsuhashi H. Marine sterols. VIII. Isolation and structure of sarcosterol, a new sterol with a delta 17(20)-double bond from the soft coral *Sarcophyton glaucum*. *Steroids*. 1979 Sep;34(3):273-93. PubMed PMID: 40330.

Kobayashi M. Marine sterols. 27. 25-Hydroxy derivative of sarcosterol, a novel marine sterol with a 23-methyl and a 17(20)E-double bond, from the soft coral *Sinularia mayi*. *Steroids*. 1994 Jan;59(1):27-9. PubMed PMID: 7908148.

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