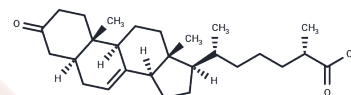


(25S)-delta7-Dafachronic acid

Chemical Properties

CAS No. : 949004-12-0
 Formula: C₂₇H₄₂O₃
 Molecular Weight: 414.62
 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	(25S)-delta7-Dafachronic acid, an orphan nuclear receptor DAF-12 ligand, inhibits the dauer-promoting activity of DAF-12.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4118 mL	12.0592 mL	24.1185 mL
5 mM	0.4824 mL	2.4118 mL	4.8237 mL
10 mM	0.2412 mL	1.2059 mL	2.4118 mL
50 mM	0.0482 mL	0.2412 mL	0.4824 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

Martin R, Däbritz F, Entchev EV, Kurzchalia TV, Knölker HJ. Stereoselective synthesis of the hormonally active (25S)-delta7-dafachronic acid, (25S)-Delta4-dafachronic acid, (25S)-dafachronic acid, and (25S)-cholestenoic acid. *Org Biomol Chem.* 2008 Dec 7;6(23):4293-5. doi: 10.1039/b815064h. Epub 2008 Oct 17. PubMed PMID: 19005586.

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