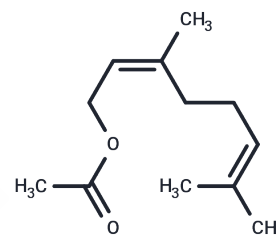


Neryl acetate

Chemical Properties

CAS No. :	141-12-8
Formula:	C ₁₂ H ₂₀ O ₂
Molecular Weight:	196.29
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	Neryl acetate (Acetic acid neryl ester) is used in perfumery and food flavouring.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 27.5 mg/mL (140.1 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (10.19 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0945 mL	25.4725 mL	50.945 mL
5 mM	1.0189 mL	5.0945 mL	10.189 mL
10 mM	0.5095 mL	2.5473 mL	5.0945 mL
50 mM	0.1019 mL	0.5095 mL	1.0189 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

Marcella de Champdoré, Lasalvia M , Piccialli V . OsO 4 -Catalyzed oxidative cyclization of geranyl and neryl acetate to cis -2,5-bis(hydroxymethyl)tetrahydrofurans[J]. Tetrahedron Letters, 1998, 39(52):9781-9784.

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