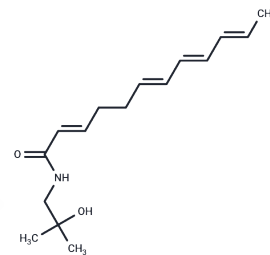


Hydroxy- β -sanshool

Chemical Properties

CAS No. :	97465-69-5
Formula:	C ₁₆ H ₂₅ NO ₂
Molecular Weight:	263.38
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Hydroxy- β -sanshool is a pungent compound obtained from Zanthoxylum piperitum.
Targets(IC50)	Others
In vitro	Hydroxy- β -sanshool can be used in studies about stimulus- and time-dependent influence of the dietary chemosensates on salivation and the salivary proteome composition[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7968 mL	18.984 mL	37.968 mL
5 mM	0.7594 mL	3.7968 mL	7.5936 mL
10 mM	0.3797 mL	1.8984 mL	3.7968 mL
50 mM	0.0759 mL	0.3797 mL	0.7594 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

Bader M, et al. Dynamic Proteome Alteration and Functional Modulation of Human Saliva Induced by Dietary Chemosensory Stimuli. J Agric Food Chem. 2018 Jun 6;66(22):5621-5634.

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