Data Sheet (Cat.No.T28187)



Nonabine

Chemical Propert	ies	
CAS No. :	16985-03-8	N CH ₃
Formula:	C25H33NO2	HO CH ₃
Molecular Weight:	379.54	
Appearance: 🦲	no data available	СН3
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	H ₃ c' \downarrow \leftarrow \leftarrow

Biological Description

Description	Nonabine is a compound with strong antiemetic properties that can be used to prevent nausea and vomiting associated with cancer chemotherapy.	
In vivo	Nonabine is a chromenol structurally related to the cannabinoids which has shown antiemetic efficacy in clinical trials. Nonabine also produced sedative clinical effects, but with an EEG profile that resembled that reportedly caused by cannabinoids. In contrast to cannabinoids, nonabine did not cause changes of mood or perception, suggesting that nonabine lacks the potential for social abuse at antiemetic doses.[1]	

Solubility Information	©
Solubility	DMSO: 55 mg/mL (144.91 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

<u> </u>		1mg	5mg	10mg
1 r	nM 2	2.6348 mL	13.1738 mL 2	26.3477 mL
5 r	nM	0.527 mL	2.6348 mL	5.2695 mL
10	mM ().2635 mL	1.3174 mL	2.6348 mL
50	mM ().0527 mL	0.2635 mL	0.527 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.

Reference

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McClelland GR, et al. Pilot investigation of the quantitative EEG and clinical effects of ketazolam and the novel antiemetic nonabine in normal subjects. Psychopharmacology (Berl). 1985;85(3):306-8.

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