

Guaiapate

Chemical Properties

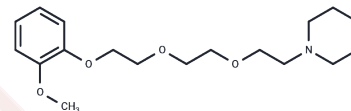
CAS No. : 852-42-6

Formula: C₁₈H₂₉NO₄

Molecular Weight: 323.43

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Guaiapate has an antitussive and sedative effect.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (154.59 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0919 mL	15.4593 mL	30.9186 mL
5 mM	0.6184 mL	3.0919 mL	6.1837 mL
10 mM	0.3092 mL	1.5459 mL	3.0919 mL
50 mM	0.0618 mL	0.3092 mL	0.6184 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

Ferro AM, et al. Clinical evaluation of a synthetic cough sedative: guaiapate. Clin Ter. 1978 Aug 31;86(4):355-67.

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