

Lysionotin

Chemical Properties

CAS No. : 152743-19-6

Formula: C₁₈H₁₆O₇

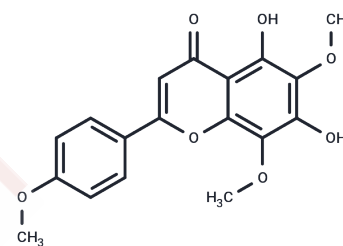
Molecular Weight: 344.30

Storage:

Keep away from direct sunlight, Keep away from moisture

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	Lysionotin (Nevadensin) has expectorant, eliminating phlegm, softening effects.
Targets(IC50)	Others, Antibacterial

Solubility Information

Solubility	Chloroform, Dichloromethane, Ethyl Acetate, Acetone, etc.: Soluble, DMSO: 62.00 mg/mL (180.08 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	2.9044 mL	14.5222 mL	29.0444 mL
5 mM	0.5809 mL	2.9044 mL	5.8089 mL
10 mM	0.2904 mL	1.4522 mL	2.9044 mL
50 mM	0.0581 mL	0.2904 mL	0.5809 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

Hu Y, et al. Mol Biol Rep. 2014 Mar;41(3):1693-702.

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