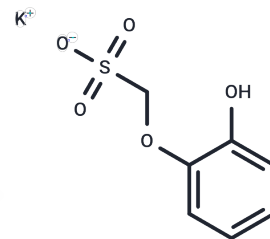


Sulfogaiacol

Chemical Properties

CAS No. :	1321-14-8
Formula:	C7H7KO5S
Molecular Weight:	242.29
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	Sulfogaiacol (guaiacolsulfonate) is an antitussive agent, used for acute respiratory tract infections and cough.
Targets(IC50)	Antibacterial

Solubility Information

Solubility	DMSO: 55 mg/mL (227 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 (8.25 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	4.1273 mL	20.6364 mL	41.2729 mL
5 mM	0.8255 mL	4.1273 mL	8.2546 mL
10 mM	0.4127 mL	2.0636 mL	4.1273 mL
50 mM	0.0825 mL	0.4127 mL	0.8255 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

Armand C, et al. Therapie. 2004 Sep-Oct;59(5):547-53.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481