Data Sheet (Cat.No.T40634)



Perilla ketone

Chemical Properties

CAS No.: 553-84-4 Formula: C10H14O2

Molecular Weight: 166.217

Appearance: no data available

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

Biological Description

Description	Perilla ketone is a naturally occurring xenobiotic compound that undergoes activation
	by pulmonary P450 cytochrome enzymes within the lung. This activation leads to the
	manifestation of severe pulmonary damage and the development of diffuse pulmonary
	edema.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.0161 mL	30.0806 mL	60.1612 mL
5 mM	1.2032 mL	6.0161 m Ĺ	12.0322 mL
10 mM	0.6016 mL	3.0081 mL	6.0161 mL
50 mM	0.1203 mL	0.6016 mL	1.2032 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

Alan R Doster, et al. Bovine atypical interstitial pneumonia. Vet Clin North Am Food Anim Pract. 2010 Jul; 26(2): 395-407.

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