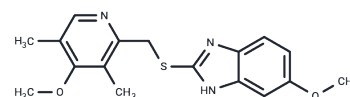


Omeprazole sulfide

Chemical Properties

CAS No. :	73590-85-9
Formula:	C17H19N3O2S
Molecular Weight:	329.42
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Omeprazole sulfide (Ufiprazole), a metabolite of Omeprazole, functions as a proton pump inhibitor.
Targets(IC50)	Proton pump, Drug Metabolite

Solubility Information

Solubility	DMSO: 50 mg/mL (151.78 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0356 mL	15.1782 mL	30.3564 mL
5 mM	0.6071 mL	3.0356 mL	6.0713 mL
10 mM	0.3036 mL	1.5178 mL	3.0356 mL
50 mM	0.0607 mL	0.3036 mL	0.6071 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

Babiak P, et al. Bioresour Technol. 2011 Sep;102(17):7621-6.

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