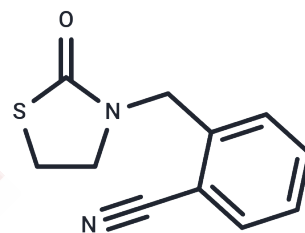


Thiazolidinone-Derivatives-1

Chemical Properties

CAS No. :	136272-75-8
Formula:	C ₁₁ H ₁₀ N ₂ O ₂ S
Molecular Weight:	218.27
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	Thiazolidinone-Derivatives-1 inhibits the secretion of gastric acid and can be used in research on the treatment of gastric and duodenal ulcers.
Targets(IC50)	Others
In vitro	Thiazolidinone-Derivatives-1 is an antiulcer agent with a gastric acid secretion-inhibiting effect[1].

Solubility Information

Solubility	DMSO: 55 mg/mL (251.98 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	4.5815 mL	22.9074 mL	45.8148 mL
5 mM	0.9163 mL	4.5815 mL	9.163 mL
10 mM	0.4581 mL	2.2907 mL	4.5815 mL
50 mM	0.0916 mL	0.4581 mL	0.9163 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

Szabadkai Istvan, et al. Novel Thiazolidinone Derivatives, Pharmaceutical Compositions Containing Them And Process For Preparing Same. WO1991008203A1

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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