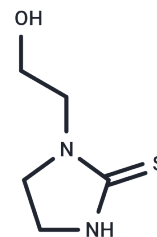


1-(2-Hydroxyethyl)imidazolidine-2-thione

Chemical Properties

CAS No. :	932-49-0
Formula:	C ₅ H ₁₀ N ₂ O ₂ S
Molecular Weight:	146.21
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	1-(2-Hydroxyethyl)imidazolidine-2-thione is used as pharmaceutical intermediates.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (341.97 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	6.8395 mL	34.1974 mL	68.3948 mL
5 mM	1.3679 mL	6.8395 mL	13.679 mL
10 mM	0.6839 mL	3.4197 mL	6.8395 mL
50 mM	0.1368 mL	0.6839 mL	1.3679 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

Weisburger EK, et al. J Natl Y Inst. 1981 Jul;67(1):75-88.

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