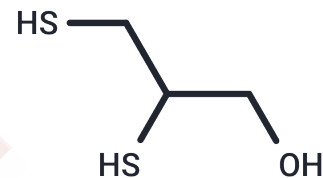


Dimercaprol

Chemical Properties

CAS No. :	59-52-9
Formula:	C ₃ H ₈ O ₂ S ₂
Molecular Weight:	124.22
Storage:	Pure form: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dimercaprol (Diacptol) is an anti-gas warfare agent that is effective against Lewisite (dichloro(2-chlorovinyl)arsine) and formerly known as British Anti-Lewisite or BAL. It acts as a chelating agent and is used in the treatment of arsenic, gold, and other heavy metal poisonings.
Targets(IC50)	HIV Protease

Solubility Information

Solubility	DMSO: 50 mg/mL (402.51 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	8.0502 mL	40.2512 mL	80.5023 mL
5 mM	1.610 mL	8.0502 mL	16.1005 mL
10 mM	0.805 mL	4.0251 mL	8.0502 mL
50 mM	0.161 mL	0.805 mL	1.610 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

Flora SJ, et al. Int J Environ Res Public Health. 2010, 7(7):2745-88.

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