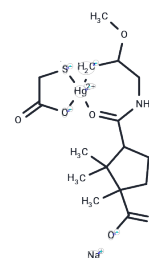


Mercaptomerin sodium

Chemical Properties

CAS No. : 21259-76-7
 Formula: C₁₆H₂₅HgNNaO₆S
 Molecular Weight: 583.02
 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	Mercaptomerin sodium can be used to treat cardiac edema.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7152 mL	8.576 mL	17.1521 mL
5 mM	0.343 mL	1.7152 mL	3.4304 mL
10 mM	0.1715 mL	0.8576 mL	1.7152 mL
50 mM	0.0343 mL	0.1715 mL	0.343 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

- IGLAUER A. The treatment of cardiac edema with thiomerin sodium (mercaptomerin sodium). Cinci J Med. 1950 May;31(5):137-41. PubMed PMID: 15411732.
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- CALESNICK B, WASE A, ALTARELLI VR. Distribution studies on radioactive Hg²⁰³ sodium mercaptomerin in animals. Proc Soc Exp Biol Med. 1960 Jan;103:22-5. PubMed PMID: 13806940.
- THOMSEN AC. [The toxicity of mercaptomerin sodium and other mercurial diuretics]. Nord Med. 1956 Mar 29;55 (13):436-7. Danish. PubMed PMID: 13334883.

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