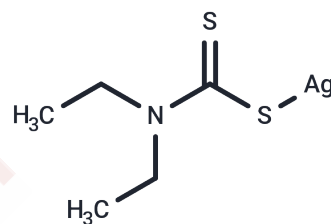


Silver diethyldithiocarbamate

Chemical Properties

CAS No. :	1470-61-7
Formula:	C ₅ H ₁₀ AgNS ₂
Molecular Weight:	256.138
Storage:	Keep away from direct sunlight, Store under nitrogen Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Silver diethyldithiocarbamate (SDDC) is an organometallic compound composed of silver ions complexed with the ligand diethyldithiocarbamate. Primarily utilized as a reagent in analytical chemistry, SDDC is employed to detect the presence of copper, iron, and other heavy metals in various materials. Acting as a chelating agent, it binds with metal ions to form stable complexes that can be easily analyzed using techniques such as UV-visible spectroscopy.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9041 mL	19.5206 mL	39.0411 mL
5 mM	0.7808 mL	3.9041 mL	7.8082 mL
10 mM	0.3904 mL	1.9521 mL	3.9041 mL
50 mM	0.0781 mL	0.3904 mL	0.7808 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.

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