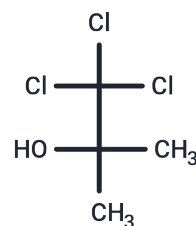


Chlorobutanol

Chemical Properties

CAS No. :	57-15-8
Formula:	C ₄ H ₇ Cl ₃ O
Molecular Weight:	177.46
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Chlorobutanol (Chlortran) is a chemical preservative, sedative hypnotic and weak local anaesthetic. It has Antibacterial and Antifungal properties. Chlorobutanol is typically used at a concentration of 0.5% where it lends long-term stability to multi-ingredient formulations.
Targets(IC50)	Antibacterial,Antibiotic,Antifungal

Solubility Information

Solubility	DMSO: 60 mg/mL (338.1 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	5.6351 mL	28.1754 mL	56.3507 mL
5 mM	1.127 mL	5.6351 mL	11.2701 mL
10 mM	0.5635 mL	2.8175 mL	5.6351 mL
50 mM	0.1127 mL	0.5635 mL	1.127 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.

Reference

Chen SL, et al. Thromb Haemost. 1990 Nov 30;64(3):473-7.

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