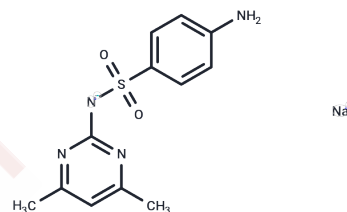


Sulfamethazine sodium

Chemical Properties

CAS No. :	1981-58-4
Formula:	C ₁₂ H ₁₃ N ₄ NaO ₂ S
Molecular Weight:	300.31
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sulfamethazine sodium (Sulfadimethyldiazine Sodium Salt) salt is a sodium salt form of sulfamethazine, a sulfonamide antibiotic used in the livestock industry.
Targets(IC50)	Antibacterial,Antibiotic

Solubility Information

Solubility	DMSO: 55 mg/mL (183.14 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	3.3299 mL	16.6495 mL	33.2989 mL
5 mM	0.666 mL	3.3299 mL	6.6598 mL
10 mM	0.333 mL	1.6649 mL	3.3299 mL
50 mM	0.0666 mL	0.333 mL	0.666 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

Fukahori S, et al. J Environ Manage. 2015 Jul 1;157:103-10.

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