Data Sheet (Cat.No.T34740)



Sulfacytine

Chemical Propert	ies	
CAS No. :	17784-12-2	H ³ C
Formula:	C12H14N4O3S	°⋠∳
Molecular Weight:	294.33	
Appearance: 🦲	no data available	S NH
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year	H ₂ N

Biological Description	e
Description	Sulfacytine is a short-acting sulfonamides antibiotic that is taken orally to treat bacterial infections. Sulfonamides, a group of antibiotics, work by inhibiting bacterial production of folic acid.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3975 mL	16.9877 mL	33.9755 mL
5 mM	0.6795 mL	3.3975 mL	6.7951 mL
10 mM	0.3398 mL	1.6988 mL	3.3975 mL
50 mM	0.068 mL	0.3398 mL	0.6795 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

Jensen PA, Mueller JM. Sulfacytine vs. sulfisoxazole for urinary tract infections in an obstetric-gynecologic population. Curr Ther Res Clin Exp. 1976 Jun;19(6):573-8. PubMed PMID: 819216.

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