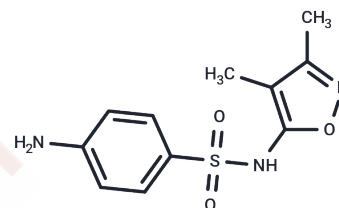


Sulfisoxazole

Chemical Properties

CAS No. :	127-69-5
Formula:	C ₁₁ H ₁₃ N ₃ O ₃ S
Molecular Weight:	267.3
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sulfisoxazole (Sulfafurazole) is a short-acting sulfonamide antibacterial with activity against a wide range of gram-negative and gram-positive organisms. Sulfisoxazole inhibits breast cancer exosome release by targeting endothelin receptor A.
Targets(IC50)	Endothelin Receptor, Antibacterial, Antibiotic, Autophagy

Solubility Information

Solubility	DMSO: 50 mg/mL (187.06 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	3.7411 mL	18.7056 mL	37.4111 mL
5 mM	0.7482 mL	3.7411 mL	7.4822 mL
10 mM	0.3741 mL	1.8706 mL	3.7411 mL
50 mM	0.0748 mL	0.3741 mL	0.7482 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

Jorgensen JH, et al. J Clin Microbiol. 2005 Jul;43(7):3162-71.

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