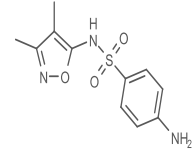


Data Sheet (Cat.No.T0750)

Sulfisoxazole

Chemical Properties

CAS No.:	127-69-5
Formula:	C ₁₁ H ₁₃ N ₃ O ₃ S
Molecular Weight:	267.31
Appearance:	Solid
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Sulfisoxazole 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(IC ₅₀)	DHPS: None

Solubility Information

Solubility	DMSO: 26.7 mg/mL (100 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.741 mL	18.705 mL	37.41 mL
5 mM	0.748 mL	3.741 mL	7.482 mL
10 mM	0.374 mL	1.87 mL	3.741 mL
50 mM	0.075 mL	0.374 mL	0.748 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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