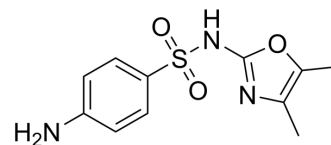


Sulfamoxole

Cat. No.:	HY-B1782	
CAS No.:	729-99-7	
Molecular Formula:	C ₁₁ H ₁₃ N ₃ O ₃ S	
Molecular Weight:	267.3	
Target:	Bacterial; Antibiotic	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (467.64 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.7411 mL	18.7056 mL	37.4112 mL
5 mM	0.7482 mL	3.7411 mL	7.4822 mL
10 mM	0.3741 mL	1.8706 mL	3.7411 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sulfamoxole is a broad- spectrum chemotherapeutic antimicrobial agent. Sulfamoxole can be used for the study of pediatric infections^[1].

REFERENCES

[1]. F Lagler, R Kretzschmar, et al. Toxicological Investigations of the Combination Sulfamoxole/Trimethoprim, a New Broad-Spectrum Chemotherapeutic. *Arzneimittelforschung*. 1976;26(42):634-43.

[2]. J A DUGGER, et al. Sulfamoxole (Nuprin), a New Sulfonamide, in *Pediatric Practice*. *J New Drugs*. Sep-Oct 1961;1:223-9.

Caution: Product has not been fully validated for medical applications. For research use only.

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