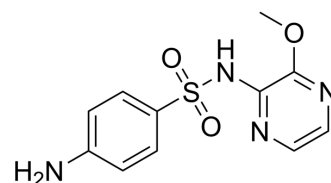


Sulfalene

Cat. No.:	HY-A0130		
CAS No.:	152-47-6		
Molecular Formula:	C ₁₁ H ₁₂ N ₄ O ₃ S		
Molecular Weight:	280.3		
Target:	Parasite; Bacterial; Antibiotic		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (356.76 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.5676 mL	17.8380 mL	35.6761 mL
	5 mM	0.7135 mL	3.5676 mL	7.1352 mL
	10 mM	0.3568 mL	1.7838 mL	3.5676 mL

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

BIOLOGICAL ACTIVITY

Description

Sulfalene (Sulfametopyrazine) is an antimalarial agent. Sulfalene is also a long-acting sulfonamide antibacterial.

IC₅₀ & Target

Plasmodium

REFERENCES

[1]. Obonyo CO, et al. Efficacy of artesunate with sulfalene plus pyrimethamine versus praziquantel for treatment of *Schistosoma mansoni* in Kenyan children: an open-label randomised controlled trial. *Lancet Infect Dis.* 2010 Sep;10(9):603-11.

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

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