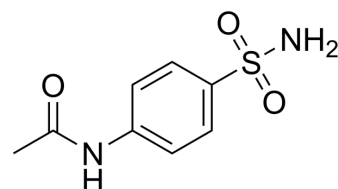


N-Acetylsulfanilamide

Cat. No.:	HY-W069721		
CAS No.:	121-61-9		
Molecular Formula:	C ₈ H ₁₀ N ₂ O ₃ S		
Molecular Weight:	214.24		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 66.67 mg/mL (311.19 mM; Need ultrasonic)					
	Preparing Stock Solutions	<div><div>Solvent</div><div>Concentration</div></div>	Mass	1 mg	5 mg	10 mg
		1 mM		4.6677 mL	23.3383 mL	46.6766 mL
		5 mM		0.9335 mL	4.6677 mL	9.3353 mL
		10 mM		0.4668 mL	2.3338 mL	4.6677 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (11.67 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	N-Acetylsulfanilamide is a compound with potential anti-infective activity ^[1] .
-------------	---

REFERENCES

[1]. Edith Ju-Hwa Chu, et al. Syntheses of Compounds Related to Vitamin K. III. 4-(3'-Methyl-4'-hydroxynaphthylazo)-benzenesulfonamide and Related Compounds^{1,2}.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA