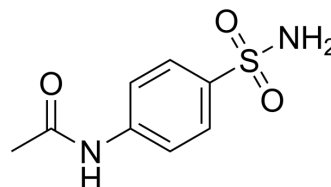


N-Acetylsulfanilamide

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)

Concentration	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

- 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
- 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
- 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