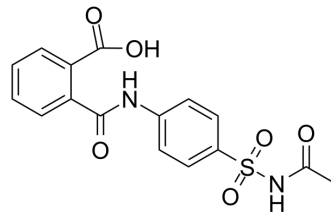


Phthalylsulfacetamide

Cat. No.:	HY-B0967		
CAS No.:	131-69-1		
Molecular Formula:	C ₁₆ H ₁₄ N ₂ O ₆ S		
Molecular Weight:	362.36		
Target:	Bacterial		
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 : 25 mg/mL (68.99 mM; Need ultrasonic)
 H₂O : 1 mg/mL (2.76 mM; ultrasonic and warming and heat to 80°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.7597 mL	13.7984 mL	27.5969 mL
	5 mM	0.5519 mL	2.7597 mL	5.5194 mL
	10 mM	0.2760 mL	1.3798 mL	2.7597 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 (6.90 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (6.90 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (6.90 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Phthalylsulfacetamide is a sulfa drug, after oral administration, slowly decompose in the intestine, and release sulfacetamide, generating antibacterial effect.

REFERENCES

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