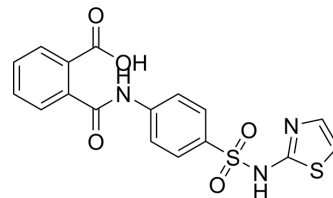


Phthalylsulfathiazole

Cat. No.:	HY-B1407		
CAS No.:	85-73-4		
Molecular Formula:	C ₁₇ H ₁₃ N ₃ O ₅ S ₂		
Molecular Weight:	403.43		
Target:	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 : ≥ 40 mg/mL (99.15 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent	Mass	1 mg	5 mg	10 mg
	Concentration				
	1 mM		2.4787 mL	12.3937 mL	24.7874 mL
	5 mM		0.4957 mL	2.4787 mL	4.9575 mL
	10 mM		0.2479 mL	1.2394 mL	2.4787 mL

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

BIOLOGICAL ACTIVITY

Description

Phthalylsulfathiazole is a kind of sulfonamides used as an antibacterial drug.

REFERENCES

[1]. S. RAGHAV, et al. Kinetics of Xylene Coagulation in Water Emulsion Stabilized by Phthalylsulfathiazole. ACS Symposium Series, 1985: 447-460

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

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