

Product Data Sheet

Phthalylsulfathiazole

Cat. No.: HY-B1407 CAS No.: 85-73-4

Molecular Formula: $C_{17}H_{13}N_3O_5S_2$

Molecular Weight: 403.43

Bacterial; Antibiotic Target: Pathway: Anti-infection

Storage: Powder -20°C 3 years

2 years

-80°C In solvent 2 years

> -20°C 1 year

SOLVENT & SOLUBILITY

DMSO : ≥ 40 mg/mL (99.15 mM) In Vitro

* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Mass Concentration	1 mg	5 mg	10 mg
	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 EmulsionStabilized by Phthalylsulfathiazole. ACS Symposium Series, 1985: 447-460

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