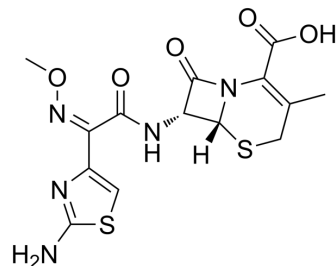


Cefetamet

Cat. No.:	HY-A0111	
CAS No.:	65052-63-3	
Molecular Formula:	C ₁₄ H ₁₅ N ₅ O ₅ S ₂	
Molecular Weight:	397.43	
Target:	Antibiotic; Bacterial	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (62.90 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5162 mL	12.5808 mL	25.1617 mL
	5 mM	0.5032 mL	2.5162 mL	5.0323 mL
	10 mM	0.2516 mL	1.2581 mL	2.5162 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 (6.29 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.29 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.29 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Cefetamet is a cephalosporin antibiotic. Cefetamet has the potential for the research of both upper and lower community-acquired respiratory tract infections^[1].

IC₅₀ & Target

β-lactam

REFERENCES

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

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