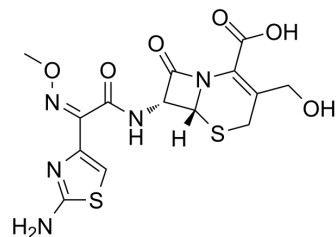


Desacetylcefotaxime

Cat. No.:	HY-126129		
CAS No.:	66340-28-1		
Molecular Formula:	C ₁₄ H ₁₅ N ₅ O ₆ S ₂		
Molecular Weight:	413.43		
Target:	Bacterial		
Pathway:	Anti-infection		
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 : 250 mg/mL (604.70 mM; Need ultrasonic)
 H₂O : 250 mg/mL (604.70 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.4188 mL	12.0939 mL	24.1879 mL
	5 mM	0.4838 mL	2.4188 mL	4.8376 mL
	10 mM	0.2419 mL	1.2094 mL	2.4188 mL

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

BIOLOGICAL ACTIVITY

Description

Desacetylcefotaxime, the in vivo metabolite of Cefotaxime (CTX), possesses significant in vitro antimicrobial activity similar to the parent compound against a variety of aerobic and anaerobic bacteria^[1].

REFERENCES

[1]. Aldridge KE. Comparison of the in vitro action and interaction of cefotaxime and desacetylcefotaxime against clinical isolates of Bacteroides spp. *Diagn Microbiol Infect Dis.* 1989;12(1):45-50.

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