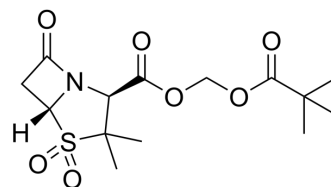


Sulbactam pivoxil

Cat. No.:	HY-108288	
CAS No.:	69388-79-0	
Molecular Formula:	C ₁₄ H ₂₁ NO ₇ S	
Molecular Weight:	347.38	
Target:	Antibiotic; Bacterial; Beta-lactamase	
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 : 12.5 mg/mL (35.98 mM; ultrasonic and warming and heat to 60°C)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.8787 mL	14.3935 mL	28.7869 mL
	5 mM	0.5757 mL	2.8787 mL	5.7574 mL
	10 mM	0.2879 mL	1.4393 mL	2.8787 mL

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

BIOLOGICAL ACTIVITY

Description

Sulbactam pivoxil is a proagent of sulbactam. Sulbactam is a β -lactamase inhibitor which poorly adsorbed from gastrointestinal tract. Sulbactam pivoxil has a better absorption than the parent agent and provides high serum levels after oral administration^[1].

IC₅₀ & Target

β -lactam

REFERENCES

[1]. Changov LS, et al. An efficient method for the synthesis of sulbactam pivoxil. *Farmaco*. 2000;55(2):134-135.

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

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