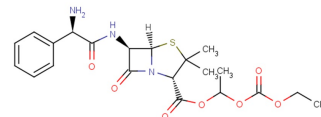


Bacampicillin

Chemical Properties

CAS No.:	50972-17-3
Formula:	C ₂₁ H ₂₇ N ₃ O ₇ S
Molecular Weight:	465.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Bacampicillin is an improved oral bioavailability penicillin antibiotic which is a prodrug of ampicillin.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.148 mL	10.741 mL	21.481 mL
5 mM	0.43 mL	2.148 mL	4.296 mL
10 mM	0.215 mL	1.074 mL	2.148 mL
50 mM	0.043 mL	0.215 mL	0.43 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Bodin NO, et al. Bacampicillin: a new orally well-absorbed derivative of ampicillin. Antimicrob Agents Chemother. 1975 Nov;8(5):518-25.

Inhibitors · Natural Compounds · Compound Libraries

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