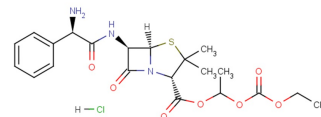


Bacampicillin hydrochloride

Chemical Properties

CAS No.:	37661-08-8
Formula:	C ₂₁ H ₂₈ ClN ₃ O ₇ S
Molecular Weight:	501.98
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

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

Solubility Information

Solubility	DMSO: 5.1 mg/mL (10.16 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.992 mL	9.961 mL	19.921 mL
5 mM	0.398 mL	1.992 mL	3.984 mL
10 mM	0.199 mL	0.996 mL	1.992 mL
50 mM	0.04 mL	0.199 mL	0.398 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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