

Pheneticillin

Chemical Properties

CAS No.:	147-55-7
Formula:	C ₁₇ H ₂₀ N ₂ O ₅ S
Molecular Weight:	364.42
Appearance:	Solid
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Pheneticillin is a kind of antibiotics with antibacterial property.
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Solubility Information

Solubility	Water: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.744 mL	13.720 mL	27.441 mL
5 mM	0.549 mL	2.744 mL	5.488 mL
10 mM	0.274 mL	1.372 mL	2.744 mL
50 mM	0.055 mL	0.274 mL	0.549 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. ROSS NM.J Dent Med. 1965 Jul;20:85-90.

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