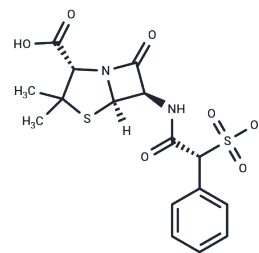


Sulbenicillin

Chemical Properties

CAS No. :	41744-40-5
Formula:	C ₁₆ H ₁₈ N ₂ O ₇ S ₂
Molecular Weight:	414.45
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sulbenicillin is an alpha-sulfobenzylpenicillin. It has been used in combination with dibekacin.
Targets(IC50)	Others,Antibiotic

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.4128 mL	12.0642 mL	24.1284 mL
5 mM	0.4826 mL	2.4128 mL	4.8257 mL
10 mM	0.2413 mL	1.2064 mL	2.4128 mL
50 mM	0.0483 mL	0.2413 mL	0.4826 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Aonuma S, Arijji F, Oizumi K, Konno K. Electron microscopy of *Pseudomonas aeruginosa* treated with sulbenicillin and dibekacin. *Tohoku J Exp Med*. 1987 Jun;152(2):119-28. PubMed PMID: 3114912.
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