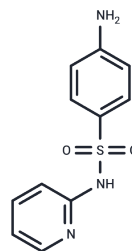


Sulfapyridine

Chemical Properties

CAS No. :	144-83-2
Formula:	C ₁₁ H ₁₁ N ₃ O ₂ S
Molecular Weight:	249.29
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sulfapyridine (2-Sulfapyridine) is a short-acting sulfonamide antibiotic and by-product of the non-steroidal anti-inflammatory drug sulfasalazine.
Targets(IC50)	Antibacterial,Antibiotic,Autophagy

Solubility Information

Solubility	DMSO: 25 mg/mL (100.28 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0114 mL	20.057 mL	40.1139 mL
5 mM	0.8023 mL	4.0114 mL	8.0228 mL
10 mM	0.4011 mL	2.0057 mL	4.0114 mL
50 mM	0.0802 mL	0.4011 mL	0.8023 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.

Reference

McDonald M, et al. J Chromatogr A. 2009 Nov 13;1216(46):8110-6.

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