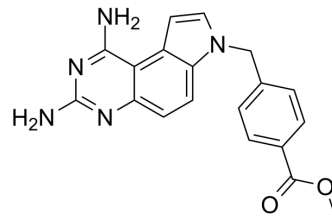


Antibacterial agent 26

Cat. No.:	HY-141828		
CAS No.:	75369-40-3		
Molecular Formula:	C ₁₉ H ₁₇ N ₅ O ₂		
Molecular Weight:	347.37		
Target:	Bacterial		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 83.33 mg/mL (239.89 mM; ultrasonic and warming and heat to 50°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.8788 mL	14.3939 mL	28.7877 mL
	5 mM	0.5758 mL	2.8788 mL	5.7575 mL
	10 mM	0.2879 mL	1.4394 mL	2.8788 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.08 mg/mL (5.99 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.08 mg/mL (5.99 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Antibacterial agent 26 is a potent antibacterial compound.

Caution: Product has not been fully validated for medical applications. For research use only.

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