



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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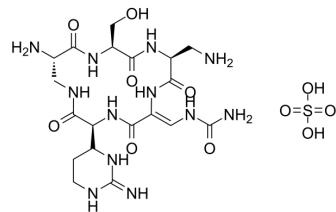
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Capreomycin sulfate

Cat. No.:	HY-17566
CAS No.:	1405-37-4
Molecular Formula:	C ₁₉ H ₃₄ N ₁₂ O ₁₁ S
Molecular Weight:	638.61
Target:	Bacterial; Antibiotic
Pathway:	Anti-infection
Storage:	-20°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro	H ₂ O : ≥ 37 mg/mL (57.94 mM) * "≥" means soluble, but saturation unknown.					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		1.5659 mL	7.8295 mL	15.6590 mL
		5 mM		0.3132 mL	1.5659 mL	3.1318 mL
		10 mM		0.1566 mL	0.7830 mL	1.5659 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 100 mg/mL (156.59 mM); Clear solution; Need ultrasonic					

BIOLOGICAL ACTIVITY

Description	Capreomycin sulfate is a peptide antibiotic used in combination with other antibiotics for MDR-tuberculosis.
IC ₅₀ & Target	Aminoglycoside

CUSTOMER VALIDATION

- ACS Chem Biol. 2021 Dec 15.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Johansen SK, et al. Capreomycin binds across the ribosomal subunit interface using tlyA-encoded 2'-O-methylations in 16S and 23S rRNAs. Mol Cell. 2006 Jul 21;23(2):173-82.

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

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