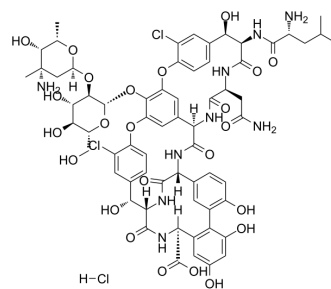


Norvancomycin hydrochloride

Cat. No.:	HY-B1924
CAS No.:	213997-73-0
Molecular Formula:	C ₆₅ H ₇₄ Cl ₃ N ₉ O ₂₄
Molecular Weight:	1471.69
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°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

H₂O : ≥ 100 mg/mL (67.95 mM)
 DMSO : ≥ 100 mg/mL (67.95 mM)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	0.6795 mL	3.3975 mL	6.7949 mL
	5 mM	0.1359 mL	0.6795 mL	1.3590 mL
	10 mM	0.0679 mL	0.3397 mL	0.6795 mL

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

In Vivo

- Add each solvent one by one: PBS
Solubility: 100 mg/mL (67.95 mM); Clear solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (1.70 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (1.70 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (1.70 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Norvancomycin hydrochloride is applicable for endocarditis, osteomyelitis, pneumonia, sepsis or soft tissue infections caused by Staphylococcus (including Methicillin-resistant strains and multidrug-resistant microbial strains). Target: Antibacterial

CUSTOMER VALIDATION

- J Control Release. 2022 Feb 27;S0168-3659(22)00104-3.

See more customer validations on www.MedChemExpress.com

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

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