

Demeclocycline hydrochloride

Catalog No: #S1400

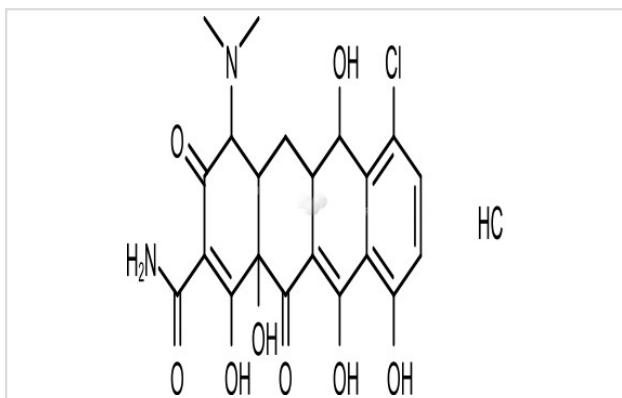
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Description

Product Name	Demeclocycline hydrochloride
Brief Description	Inhibitors
Purification	99.83%
Target Name	ribosome inhibitor
Calculated MW	501.32
Formulation	C ₂₁ H ₂₁ ClN ₂ O ₈ HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: CN(C)[C@H]1[C@@H]2[C@H]3[C@@H](C4=C(C=CC(=C4C(=C3C(=O)[C@@]2(C(=C(C1=O)C(=O)N)O)O)O)Cl)O.
 ClPathways: Microbiology & virology Receptor: 30S ribosome Boiling pt: 795.9°C Melting pt: >245°C Solubility: Water: 26 mg/mL (51.86 mM); DMSO: 100 mg/mL (199.47 mM) Appearance: Yellow Powder Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

References

1. Imming P, et al. Nat Rev Drug Discov. 2006 Oct;5(10):821-34.

Note: This product is for in vitro research use only