

Chlortetracycline hydrochloride

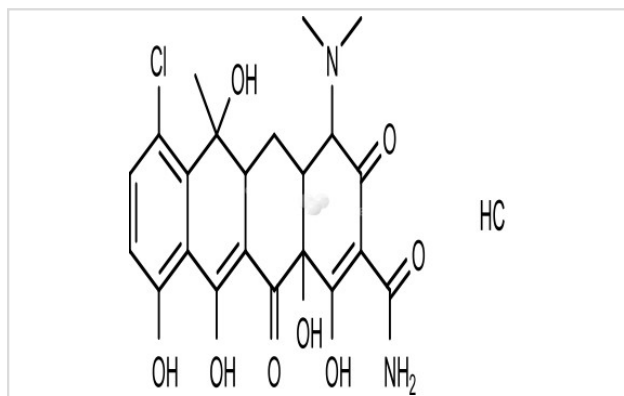
Catalog No: #S1304

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Description

Product Name	Chlortetracycline hydrochloride
Brief Description	Inhibitors
Purification	93.87%
Target Name	ribosome inhibitor
Calculated MW	515.35
Formulation	C ₂₂ H ₂₃ ClN ₂ O ₈ HCl
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: C[C@@]1(C2C[C@H]3[C@@H](C(=O)C(=C([C@]3(C(=O)C2=C(C4=C(C=CC(=C4)Cl)O)O)O)C(=O)N)N(C)C)O.Cl Pathways: Microbiology & virology Receptor: 30S ribosome Boiling pt: 694.1°C Melting pt: 210-215°C Solubility: Water: 1 mg/mL (1.94 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. Chopra I, et al. J Antimicrob Chemother, 1992, 29(3), 245-277.

Note: This product is for in vitro research use only