

Oxytetracycline (Terramycin)

Catalog No: #S0895

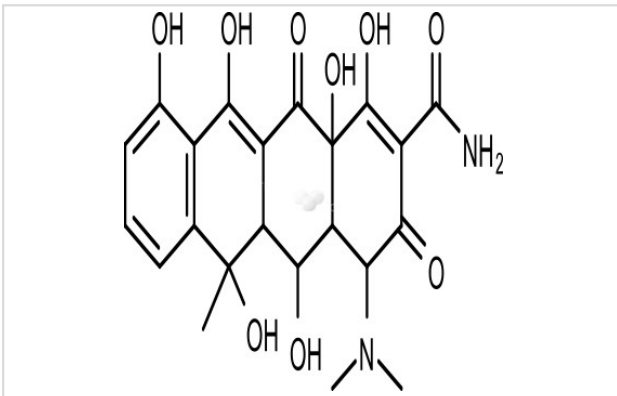
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Description

Product Name	Oxytetracycline (Terramycin)
Brief Description	Inhibitors
Purification	98.25%
Target Name	ribosome
Calculated MW	460.44
Formulation	C22H24N2O9
Storage	3 years -20°C powder;2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology SMILES: C[C@@]1([C@H]2[C@@H]([C@H]3[C@@H](C(=O)C(=C([C@]3(C(=O)C2=C(C4=C1C=CC=C4O)O)O)C(=O)N)N(C)C)O)O Pathways: Microbiology&virology Receptor: 16S ribosome; 30S ribosome Boiling pt: 817.08°C Melting pt: 183°C Solubility: Ethanol: 10 mg/mL (21.71 mM); DMSO: 92 mg/mL (199.81 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 month.

References

1. Babu E, et al. Jpn J Pharmacol. 2002 Jan;88(1):69-76.

Note: This product is for in vitro research use only