

Tetracycline

Catalog No: #S0912L

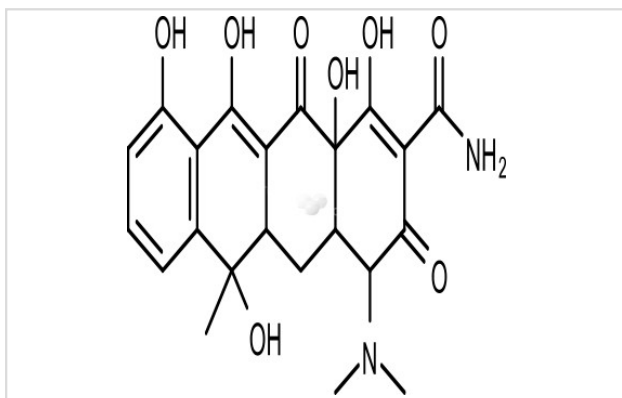
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Description

Product Name	Tetracycline
Brief Description	Inhibitors
Purification	99.00%
Target Name	Others inhibitor; ribosome inhibitor
Calculated MW	444.43
Formulation	C ₂₂ H ₂₄ N ₂ O ₈
Storage	3 years -20°C powder; 2 years -80°C in solvent;

Images



Product Description

Research

Area: Immunology
 SMILES: C[C@@]1([C@H]2C[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)OPathways: Microbiology&virology; Others Receptor: Major prion protein; 16S ribosome; 30S ribosome
 Boiling pt: 790.6C
 Melting pt: 175-177C
 Solubility: Soluble in Water
 Appearance: Faint 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. Buck MA, Cooperman BS. Biochemistry. 1990 Jun 5;29(22):5374-9.

Note: This product is for in vitro research use only