

## Methacycline hydrochloride

Catalog No: #S0518

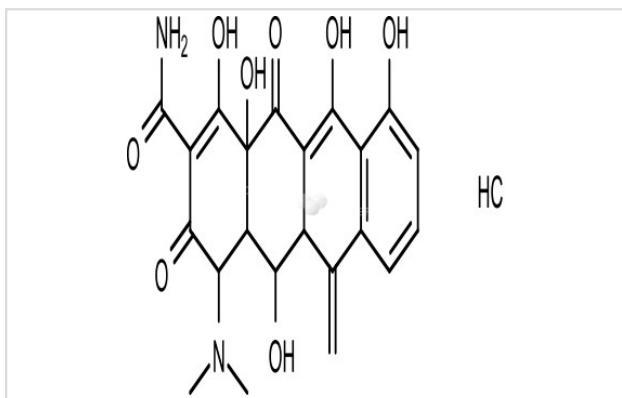
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## Description

Product Name	Methacycline hydrochloride
Brief Description	Inhibitors
Purification	99.02%
Target Name	ribosome agonist
Calculated MW	478.88
Formulation	C22H23ClN2O8
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]([C@@H]3C(=C)C4=C(C(=CC=C4)O)C(=C3C(=O)[C@@]2(C(=C(C1=O)C(=O)N)O)O)O).

CI Pathways: Microbiology & virology Receptor: 16S ribosome; 30S ribosome Boiling pt: Melting pt: 205°C Solubility: Water: 5 mg/mL (10.44 mM); DMSO: 3 mg/mL (6.26 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. Xi Y, et al. Am J Respir Cell Mol Biol. 2014, 50(1), 51-60.

Note: This product is for in vitro research use only