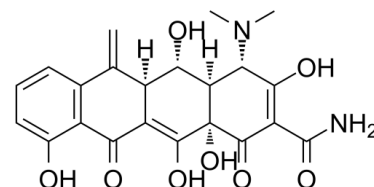


Data Sheet

Product Name:	Methacycline (hydrochloride)
Cat. No.:	CS-2560
CAS No.:	3963-95-9
Molecular Formula:	C ₂₂ H ₂₃ ClN ₂ O ₈
Molecular Weight:	478.88
Target:	Bacterial
Pathway:	Anti-infection
Solubility:	DMSO : 10 mg/mL (20.88 mM; Need ultrasonic and warming)



HCl

BIOLOGICAL ACTIVITY:

Methacycline hydrochloride is a tetracycline antibiotic. Target: Antibacterial Methacycline hydrochloride is a broad-spectrum semisynthetic antibiotic related to tetracycline but excreted more slowly and maintaining effective blood levels for a more extended period.

References:

[1]. <http://www.drugbank.ca/drugs/DB00931>

CAIndexNames:

2-Naphthacenecarboxamide, 4-(dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,5,10,12,12a-pentahydroxy-6-methylene-1,11-dioxo-, hydrochloride (1:1), (4S,4aR,5S,5aR,12aS)-

SMILES:

O[C@@](C(O)=C(C(C1=C2C=CC=C1O)=O)[C@](C2=C)([H])[C@@H]3O)(C(C(C(N)=O)=C4O)=O)[C@]3([H])[C@@H]4N(C)C.Cl

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 732-484-9848 Fax: 888-484-5008 E-mail: sales@ChemScene.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA