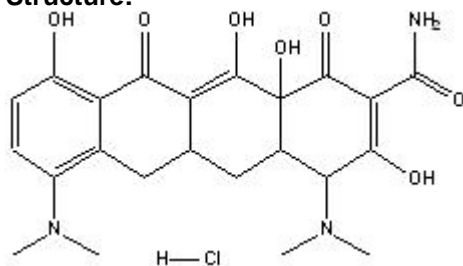


TECHNICAL INFORMATION

Catalog Number: 155718

Minocycline Hydrochloride

Structure:



Molecular Formula: $C_{23}H_{27}N_3O_7 \cdot HCl$

Molecular Weight: 493.9

CAS # 13614-98-7

Synonyms: [4S-(4a,4aa,5aa,12aa)]-4,7-bis(Dimethylamino)-1,4,4a,5,5a,6,11,12a-octahydro-3,10,12,12a-tetrahydroxy-1,11-dioxo-2-naphthacenecarboxamide; 7-Dimethylamino-6-demethyl-6-deoxytetracycline

Physical Description: Yellow powder

Description: Semi-synthetic antibiotic effective against tetracycline-resistant staphylococci.¹ Slightly hygroscopic; sensitive to light and to surface oxidation. A basement membrane protease inhibitor; inhibits endothelial cell proliferation and angiogenesis.

Solubility: Soluble in methanol and aqueous solutions of alkali hydroxides and carbonates.

[Click Here for a list of other protease inhibitors offered by MP Biomedicals and general protease inhibitor information.](#)

References:

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