

Doxycycline Biochemical

Doxycycline HCl

CATALOG #
AAA59628

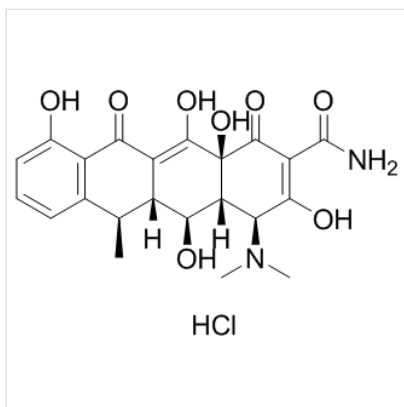
PRODUCT SYNONYMS

Doxycycline; Doxycycline HCl; Vibramycin hydrochloride; Doxycycline biochemical

PRODUCT SPECIFICATIONS

Purity/Purification	>98%
Formula	C ₂₂ H ₂₄ N ₂ O ₈ .HCl
SMILES	CC1C2C (C3C (C (=O)C (=C (C3 (C (=O)C2=C (C4=C1C=CC=C4O)O)O)C (=O)N)N (C)C)O.Cl
CAS Number	10592-13-9
Preparation and Storage	Store at -20 degree C for 6 months (Solution base) Store lyophilized at -20 degree C, keep desiccated In solution, store at -20 degree C and use within 3 months to prevent loss of plenty of potency Aliquot to avoid multiple freeze/thaw cycles

IMAGES



Chemical Structure

ADDITIONAL INFORMATION

Related Product Information for
Doxycycline biochemical

Doxycycline Hydrochloride is a synthetic tetracycline derivative with similar antimicrobial activity.

NCBI AND UNIPROT INFORMATION

Molecular Weight

480.9

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.