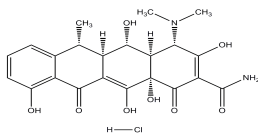


PRODUCT: Doxycycline hyclate

ALTERNATE NAME: (4S,4aR,5S,5aR,6R,12aS)-4-(Dimethyl amino)- 3,5,10,12,12a-pentahydroxy- 6-methyl- 1,11-dioxo- 1,4,4a,5,5a,6,11,12a-octahydrotetracene- 2-carboxamide hydrochloride

CATALOG #: 2209-100, 500

AMOUNT: 100 mg, 500 mg

STRUCTURE:

MOLECULAR FORMULA: C₂₂H₂₄N₂O₈.HCl

MOLECULAR WEIGHT: 480.90

CAS NUMBER: 24390-14-5

APPEARANCE: Yellow solid

SOLUBILITY: DMSO (100 mM) or H₂O (100 mM)

PURITY: ≥98% by TLC

STORAGE: Store at -20 °C. Protect from light and moisture

DESCRIPTION: A synthetic derivative of oxytetracycline. Acts as a broad spectrum antibiotic and matrix metallo-proteinases (MMP) inhibitor. Useful in studies involving wound healing and tissue remodeling.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Batimastat (Cat. No. 1704-1)

GM6001 (Cat. No. 1799-1)

Marimastat (Cat. No. 1790-1, 5)

MMP-9 Antibody (Cat. No. 3529-100)

MMP-9 Antibody (Cat. No. 3969-200)

MMP-9 Antibody (Cat. No. 5565-100)

MMP-9, human recombinant (Cat. No. 7789-10, 50, 1000)

MMP-9 Inhibitor (Cat. No. 1981-500)

TAPI-0 (Cat. No. 2067-1)

TAPI-2 (Cat. No. 2069-1)

USAGE:

FOR RESEARCH CH USE ONLY! Not to be used in humans