

Product Name: Doxycycline hyclate
Catalog Number: J60579.14

CAS Number: 24390-14-5
IUPAC Name: dihy
 drog
 en
 bis((2E,4S,4aR,5S,5aR,6R,12aS)-2-[amino(hydroxy)methylidene]-4-(dimethylamino)-5,10,11,12a-tetrahydroxy-6-methyl-1,2,3,4,4a,5,5a,6,12,12a-decahydrotetracene-1,3,12-trione)
 ethanol hydrate dichloride
Molecular Formula: C₄₆H₅₈Cl₂N₄O₁₈
Molecular Weight: 1025.88
InChI Key: QDDHZFKCHWYXJF-PCLMCNLLSA-N
SMILES: [H+].[H+].O.[Cl-].[Cl-].CCO.C[C@@H]1[C@H]2[C@H](O)[C@H]3[C@H](N(C)C)C(=O)C(=C(N)O)C(=O)[C@@]3(O)C(=O)C2=C(O)C2=C(O)C=CC=C12.C[C@@H]1[C@H]2[C@H](O)[C@H]3[C@H](N(C)C)C(=O)C(=C(N)O)C(=O)[C@@]3(O)C(=O)C2=C(O)C2=C(O)C=CC=C12
Synonym: dihydrogen
 bis((2E,4S,4aR,5S,5aR,6R,12aS)-2-[amino(hydroxy)methylidene]-4-(dimethylamino)-5,10,11,12a-ethyl alcohol hydrate dichloride

Product Specification

Appearance (Color): Yellow
Form: Powder or crystals or crystalline powder
Assay from Suppliers CofA: Report assay (%) or potency (µg/mg)
pH: 2.0-3.0

Date Of Print: 05/05/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.