

Product Datasheet

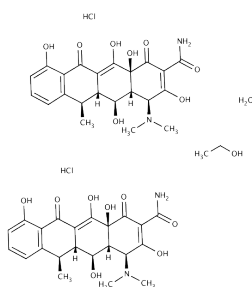
GA1726 - Doxycycline hyclate

Product Details

Product Name	: Doxycycline hyclate
Glentham Code	: GA1726
CAS Number	: 24390-14-5
MDL Number	: MFCD07357237
Additional CAS	: 10592-13-9 (· HCl)
Additional CAS	: 564-25-0
PubChem SID	: 310272426
Related Categories	: APIs, Antibiotics, Biochemicals

Structure

Molecular Weight	: 512.94
Molecular Formula	: C ₂₂ H ₂₄ N ₂ O ₈ · HCl · 0.5H ₂ O · 0.5C ₂ H ₆ O



Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Oral Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3
Signal Word	Warning
Hazard Codes	H302, H315, H319, H335

Precautionary Codes P261, P280, P301+P312, P302+P352, P305+P351+P338

Pictograms



Glentham Product Specification

Physical Description	: Yellow, crystalline powder, hygroscopic
Identification	: EP
pH (1% solution)	: 2.0 - 3.0
Specific Optical Rotation	: -105 - -120 °
Specific Absorbance	: 300 - 335 (at 349nm)
Light-Absorbing Impurities	: ≤ 0.07 (at 490nm)
Related Substances	: 6-Epidoxycycline: ≤ 2.0% : Metacycline: ≤ 2.0% : Any Individual Impurity: ≤ 0.5%
Ethanol	: 4.3 - 6.0 %
Heavy Metals	: ≤ 50ppm
Water	: 1.4 - 2.8 %
Sulphated Ash	: ≤ 0.4%
Assay	: 95.0 - 102.0 % (C ₂₂ H ₂₅ CIN ₂ O ₈ , anhydrous basis)
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

About Doxycycline hyclate

No further details on record.

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