

Product Datasheet

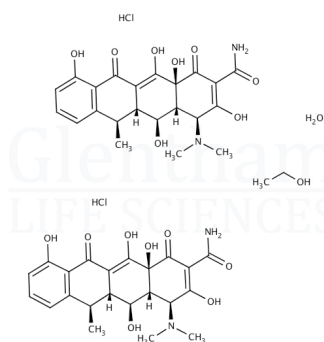
GA1726 - Doxycycline hyclate

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, Antimicrobials

Structure

Molecular Weight	: 512.94
Molecular Formula	: $C_{22}H_{24}N_2O_8 \cdot HCl \cdot 0.5H_2O$



Hazard Codes H315, H319, H335, H336, H302

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

Pictograms



Glentham Product Specification

Physical Description	: Yellow, crystalline powder, hygroscopic
Identification	: A, B, C according to EP
pH (1% solution)	: 2.0 - 3.0
Light-Absorbing Impurities	: ≤ 0.07 (at 490nm)
Related Substances	: Impurity A: ≤ 2.0% : Impurity B: ≤ 0.5% : Impurity C: ≤ 0.2%
Ethanol	: 4.3 - 6.0 % : Impurity F: ≤ 1.2%
Water	: 1.4 - 2.8 %
Sulphated Ash	: ≤ 0.4%
Assay	: 95.0 - 102.0 % (C ₂₂ H ₂₅ CIN ₂ O ₈ , anhydrous and ethanol free basis)
Pharmacopoeia Specification(s)	: EP : Any unspecified impurities: ≤ 0.1% : Total impurities ≤ 3.0%
Version	: v1.2

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification Skin Irr. 2, Eye Irr. 2A, STOT SE 3, STOT SE 3, Acute Tox. 4

Signal Word Warning

About Doxycycline hyclate

No further details on record.

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