

Product Datasheet

GA4323 - Tetracycline hydrochloride

Pictograms

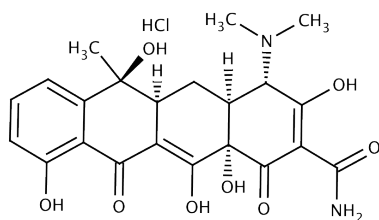


Product Details

Product Name	Tetracycline hydrochloride
Glentham Code	GA4323
CAS Number	64-75-5
EINECS	200-593-8
MDL Number	MFCD00078142
PubChem SID	310280702
Related Categories	APIs, Antibiotics, Biochemicals, Reagents for Cell Culture, Antimicrobials

Structure

Molecular Weight	: 480.91
Molecular Formula	: C ₂₂ H ₂₄ N ₂ O ₈ · HCl



Glentham Product Specification

Physical Description	: Yellow powder
Solubility (5% in water)	: Clear, yellow to yellow-orange solution
pH (1% in water)	: 1.8 - 2.8
Specific Optical Rotation ([α] _D ²⁰)	: -240.0 - -255.0 ° (c=1, 0.1M HCl)
Loss on Drying	: ≤ 2.0% (105°C)
Assay	: ≥ 95.0%
Version	: v1.2

About Tetracycline hydrochloride

No further details on record.

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irrit. 2, Eye Irrit. 2, STOT SE 3
Signal Word	Warning
Hazard Codes	H315, H319, H335
Precautionary Codes	P261, P280, P302+P350, P305+P351+P338

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2021