

Product Datasheet

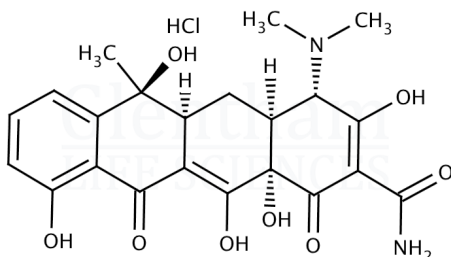
GP9934 - Tetracycline hydrochloride, BP, Ph. Eur. grade

Product Details

Product Name	Tetracycline hydrochloride, BP, Ph. Eur. grade
Glentham Code	GP9934
CAS Number	64-75-5
EINECS	200-593-8
MDL-Nummer	MFCDD00078142
Related Categories	APIs, Antibiotics, Biochemicals, Reagents for Cell Culture, Antimicrobials

Structure

Molecular Weight	: 480.91
Molecular Formula	: $C_{22}H_{24}N_2O_8 \cdot HCl$



Precautionary Codes

P264, P280, P302+P352,
P362+P364, P261,
P304+P340, P403+P233,
P305+P351+P338

Pictograms



Glentham Product Specification

Physical Description	: Yellow crystalline powder
Solubility	: Soluble in water, slightly soluble in ethanol (96 per cent); practically insoluble in acetone
Identification	: A, B, C according to BP, Ph. Eur.
pH	: 1.8 - 2.8
Specific Optical Rotation	: -240 - -255 °
Related Substances (HPLC)	: 4-Epitetracycline: ≤ 3.0% : 2-Acetyl-2-decarbamoylepitanhydrotetracycline: ≤ 1.5% : Anhydrotetracycline: ≤ 0.5% : 4-Epianhydrotetracycline: ≤ 0.5%
Heavy Metals	: ≤ 50ppm
Loss on Drying	: ≤ 2.0%
Residue on Ignition	: ≤ 0.5%
Assay (HPLC)	: 95.0 - 102.0 %
Pharmacopoeia Specification(s)	: BP, Ph. Eur.
Version	: v1.0

Storage

Recommended storage temperature: -20°C.

Hazards and Transport

Not classified as dangerous for transport.

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

Signal Word Achtung

Hazard Codes H315, H336, H335, H319

About Tetracycline hydrochloride, BP, Ph. Eur. grade

No further details on record.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025