

Product Datasheet

GP3828 - Tetracycline hydrochloride, USP grade

Precautionary Codes

P280, P261, P302+P352,
P305+P351+P338

Pictograms

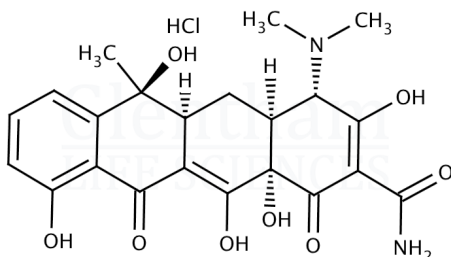


Product Details

Product Name	Tetracycline hydrochloride, USP grade
Glentham Code	GP3828
CAS Number	64-75-5
EINECS	200-593-8
MDL-Nummer	MFCD00078142
Related Categories	APIs, Antibiotics, Biochemicals, Reagents for Cell Culture, Antimicrobials

Structure

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



Glentham Product Specification

Physical Description	: Yellow powder
Identification (IR)	: To conform to standard
Identification	: To conform to USP
pH (1% in water)	: 1.8 - 2.8
Specific Optical Rotation ([α] _{20/D})	: -240.0 - -255.0 ° (c=0.5, 0.1M HCl)
Loss on Drying	: ≤ 2.0% (60°C, 2h, vac.)
Epitetracycline	: ≤ 3.0%
4-Epianhydrotetracyclin	: ≤ 2.0%
Anhydrotetracycline	: ≤ 0.5%
Crystallinity	: To meet the requirements
Potency (dried basis)	: ≥ 900µg/mg ($C_{22}H_{24}N_2O_8 \cdot HCl$)
Pharmacopoeia Specification(s)	: USP
Version	: v1.1

About Tetracycline hydrochloride, USP grade

No further details on record.

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

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