

## Product Datasheet

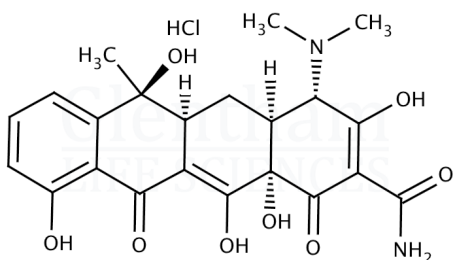
### GA4323 - Tetracycline hydrochloride

#### Product Details

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

#### Structure

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



#### Precautionary Codes

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

#### Pictograms



#### Glenthams 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] <sub>20/D</sub> ) | : -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 Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A

Signal Word Attention

Hazard Codes H315, H336, H335, H319

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