

## Product Datasheet

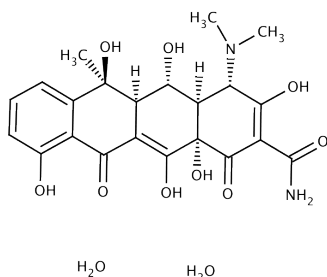
### GA7172 - Oxytetracycline dihydrate

#### Product Details

Product Name	Oxytetracycline dihydrate
Glentham Code	GA7172
CAS Number	6153-64-6
EINECS	201-212-8
MDL Number	MFC00151234
Additional CAS	79-57-2 (anhydrous)
PubChem SID	310278451
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials

#### Structure

Molecular Weight	: 496.46
Molecular Formula	: C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>9</sub> · 2H <sub>2</sub> O



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description : Yellow crystalline powder

Identification	: TLC
pH (1% in water)	: 4.5 - 7.5
Specific Optical Rotation	: -203 - -216 °
Absorbance	: 353nm: 290 - 310 : 430nm: ≤ 0.25 : 490nm: ≤ 0.20
Related Substances	: 4-epioxytetracycline: ≤ 0.5% : 2-Acetyl-2-decarbamoxytetracycline: ≤ 2.0% : Tetracycline: ≤ 2.0%
Heavy Metals	: ≤ 50ppm
Water	: 6.0 - 9.0 %
Sulphated Ash	: ≤ 0.5%
Assay	: 95.0 - 102.0 % (anhydrous basis)
Pharmacopoeia Specification(s)	: BP
Version	: v1.0

#### About Oxytetracycline dihydrate

No further details on record.

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