

## Product Datasheet

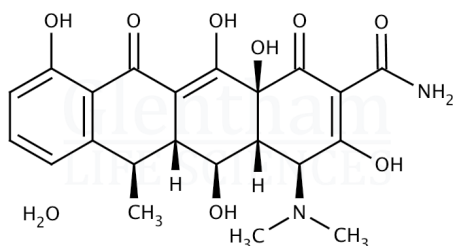
### GA4925 - Doxycycline monohydrate, USP grade

#### Product Details

Product Name	Doxycycline monohydrate, USP grade
Glentham Code	GA4925
CAS Number	17086-28-1
MDL Number	MFCD02682958
Additional CAS	564-25-0 (anhydrous)
Additional CAS	10592-13-9 (· HCl)
PubChem SID	310272427
Related Categories	APIs, Antibiotics, Biochemicals, Antimicrobials

#### Structure

Molecular Weight	: 462.46
Molecular Formula	: C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub> · H <sub>2</sub> O



#### Storage

Recommended storage temperature: -20°C.

#### Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Acute Tox. 4, Repr. 2
Signal Word	Warning

Hazard Codes	H302, H361
Precautionary Codes	P308+P313, P281, P301+P312

Pictograms



#### Glentham Product Specification

Physical Description	: Yellow crystalline powder
Identification	: To pass test
pH (1% solution)	: 5.0 - 6.5
Water	: 3.6 - 4.6 %
Organic Impurities	: Methacycline: ≤ 2.0%
	: 6-Epidoxycycline: ≤ 2.0%
	: Any Other Impurity: ≤ 0.5%
Potency	: 880 - 980 µg/mg (of C <sub>22</sub> H <sub>24</sub> N <sub>2</sub> O <sub>8</sub> )
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

#### About Doxycycline monohydrate, USP grade

No further details on record.

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