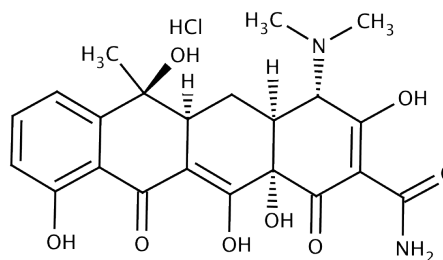


Product Specification

Product Name	Tetracycline hydrochloride
Glentham Code	GA4323
CAS Number	64-75-5
EINECS	200-593-8
MDL Number	MFCD00078142
PubChem SID	310280702
Molecular Weight	480.91
Molecular Formula	C ₂₂ H ₂₄ N ₂ O ₈ · HCl
Storage Temp.	-20°C



Property	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 ($[\alpha]_{20/D}$)	-240.0 - -255.0 ° (c=1, 0.1M HCl)
Loss on Drying	≤ 2.0% (105°C)
Assay	≥ 95.0%

Specification Version	-	v1.2
Date Created	-	2021-01-29

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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