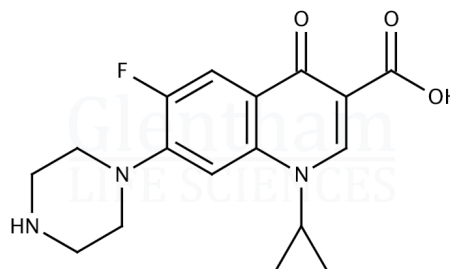


Product Specification

Product Name	Ciprofloxacin, USP grade
Glentham Code	GA9068
CAS Number	85721-33-1
MDL Number	MFCD00185755
PubChem SID	310270281
Molecular Weight	331.30
Molecular Formula	C ₁₇ H ₁₈ FN ₃ O ₃
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white powder
Identification (IR)	To conform to standard
Identification (HPLC)	To conform to standard
Solubility (2.5% in 0.1M HCl)	Clear to slightly opalescent solution
Fluoroquinolonic acid	≤ 0.2%
Ciprofloxacin Ethylenediamine Analog	≤ 0.2%
Any Individual Unspecified Impurity	≤ 0.2%
Total Impurities	≤ 0.5%
Residue on Ignition	≤ 0.1%
Loss on Drying	≤ 1.0% (120°C, 6h)
Assay (HPLC)	98.0 - 102.0 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.1
Date Created	-	2021-08-01

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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