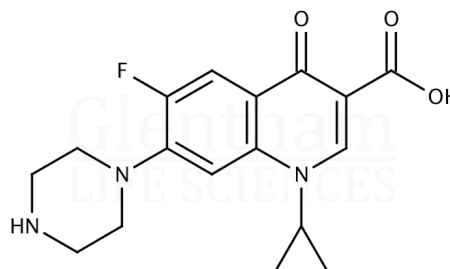


## Product Specification

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	$C_{17}H_{18}FN_3O_3$
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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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