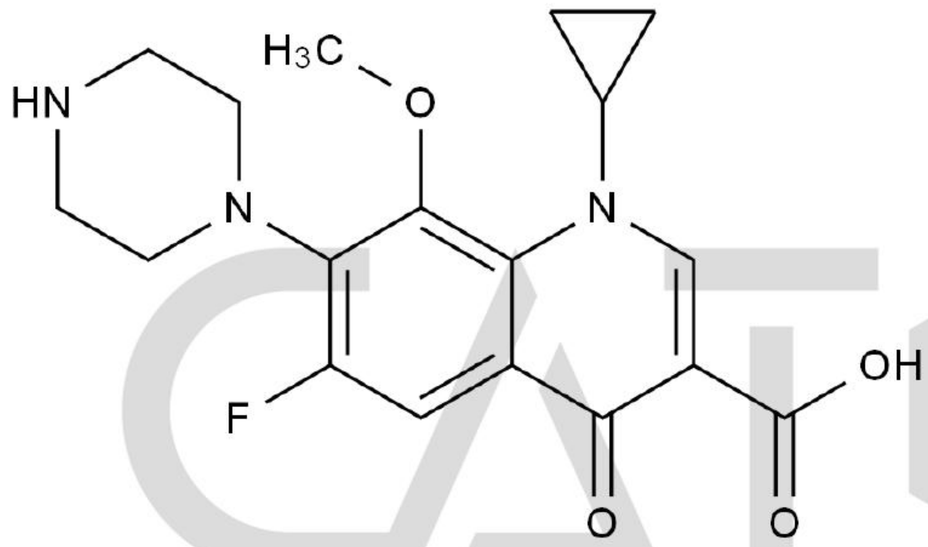
Certificate of Analysis

Reference Material & Standard

Product Name:	Gatifloxacin Related Compound D(3-Desmethyl Gatifloxacin)	**Catalogue Number:**	C4X-125311
Synonyms:	N/A	**Lot Number:**	0920-RH-0108
CAS Number:	112811-57-1	**Expiry Date:**	Sep 21, 2030
Molecular Formula:	$C_{18}H_{20}FN_3O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	361.37	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.596%
Loss on Drying	TGA	3.3377%
Assay	Mass Balance	92.4%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Loss on Drying) * Purity HPLC (%) /100%*
Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice — Date: Oct 09, 2026

Reviewed by: Koi — Date: Oct 09, 2026

Approved by General Manager: David — Date: Oct 09, 2026

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