Certificate of Analysis

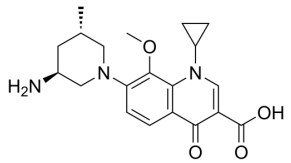
Nemonoxacin

Cat. No.:	HY-14956
CAS No.:	378746-64-6
Batch No.:	281872
Chemical Name:	3-Quinolinecarboxylic acid, 7-[(3S,5S)-3-amino-5-methyl-1-piperidinyl]-1-cyclopropyl-1,4-dihydro-8-methoxy-4-oxo-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{20}H_{25}N_3O_4$		
Molecular Weight:	**371.43**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	**99.80%**
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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