

Certificate of Analysis

Catalogue Number

KL-06-00291

Lot Number

KLP0029A101

Structure
Product Name

N-Nitroso Pefloxacin EP Impurity A

Synonyms

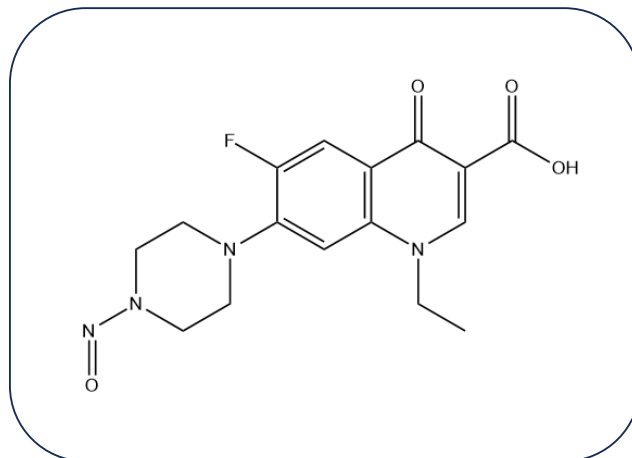
N-Nitroso Norfloxacin; N-Nitroso Demethylated pefloxacin

CAS Number

NA

Molecular Formula
 $C_{16}H_{17}FN_4O_4$
Molecular Weight

348.12 g/mol


Mfg. Date

09-09-2025

Re-Test Date

08-09-2028

Shipping Condition

All Product are stable to be shipped at room temperature, unless otherwise specified.

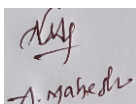
Long Term Storage Conditions

2°C ~ 8°C Protected from light and Sealed

Analytical Information

Test	Specifications	Results
Appearance	Pale Yellow Solid	Pale Yellow Solid
Solubility	Soluble in Chloroform, DCM	Conform
Purity by HPLC	Not less than 90.00%	99.58%
Identification by 1H NMR	Conforms to structure	Complies
Identification by Mass	Conforms Molecular Weight	Complies
Identification by IR	Conform functional groups	Complies
Weight Content By TGA	Not specified	0.217%
Residue of Ignition By TGA	Not specified	0.000%
Potency	Not specified	99.36%

Prepared by



Reviewed & Approved by



Note: Use for research & analytical purpose only. Not for human consumption

Kaaris Research Labs Private Limited, Shed No. 2B at Plot No.22, Road No. 17, IDA, Nacharam, Hyderabad-500 076

sales@kaarislabs.com, www.kaarislabs.com An ISO 9001-2015 Certified Company