

## Product Datasheet

### GA8450 - Nalidixic acid

Pictograms

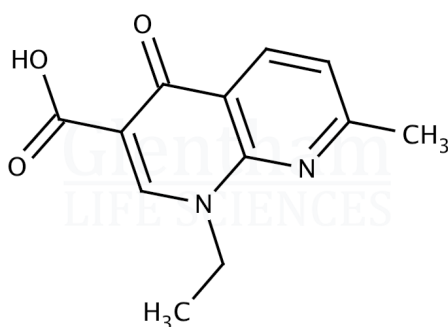


#### Product Details

Product Name	Nalidixic acid
Glenthams Code	GA8450
CAS Number	389-08-2
EINECS	206-864-7
MDL Number	MFCD00006884
PubChem SID	310277428
Related Categories	APIs, Antibiotics, Biochemicals, Raw Materials (IVD), Antimicrobials

#### Structure

Molecular Weight	: 232.24
Molecular Formula	: C <sub>12</sub> H <sub>12</sub> N <sub>2</sub> O <sub>3</sub>



#### Glenthams Product Specification

Physical Description	: Almost white or pale yellow crystalline powder
Identification	: To pass tests A (UV); B (IR); C (TLC); D (Colour)
Solubility	: Soluble in dichloromethane, slightly soluble in acetone and in ethanol
Melting Point	: 225 - 231 °C
Absorbance	: ≤ 0.10 (1.5g in 50ml DCM, at 420nm)
Related Substances (TLC)	: ≤ 0.1% (any single impurity)
Heavy Metals	: ≤ 20ppm
Sulphated Ash	: ≤ 0.1%
Loss on Drying	: ≤ 0.5% (105°C)
Assay (Titration)	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: BP, EP
Version	: v1.1

#### About Nalidixic acid

No further details on record.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as dangerous for transport.	
CLP Classification	Acute Oral Tox. 4
Signal Word	Warning
Hazard Codes	H302
Precautionary Codes	P280, P301+P312

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