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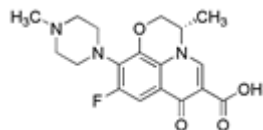
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 15155

Product **Levofloxacin**

(S)-Ofloxacin

Levofloxacin hemihydrate

CAS Number 100986-85-4

Molecular Formula $C_{18}H_{20}FN_3O_4 \cdot 1/2 H_2O$

Molecular Weight 370.38

Appearance White or light yellow crystalline powder

Water Content (Karl Fisher) 2 - 3%

Optical Rotation $[a]_D^{20} = -92$ to -106° (C=5 mg/mL in Methanol)

Related Substances
N-Desmethyl levofloxacin a : $\leq 0.3\%$
Diamine derivative b : $\leq 0.3\%$
Levofloxacin N-oxide C : $\leq 0.3\%$
9-Desfluoro levofloxacin D : $\leq 0.3\%$
Any unknown impurity : $\leq 0.1\%$
Total impurities : $\leq 0.5\%$

Residue On Ignition $\leq 0.2\%$ (Use a platinum crucible)

Assay (anhydrous basis) 98 - 102%

Other Enantiomer $\leq 1\%$

Chiral Purity $\geq 99\%$ (ee)

Grade Meets USP Specification

Storage Store at 0 - 8 °C

Additional Information Identification :
Test A : Infrared spectrum : Conforms to structure
Test B : To pass test

For Laboratory Use Only