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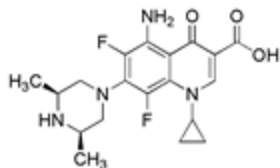
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 14320

Product **Sparfloxacin**

CAS Number 110871-86-8, 11542-93-9

Molecular Formula C₁₉H₂₂F₂N₄O₃

Molecular Weight 392.41

Appearance Off-white to yellow crystalline powder

Melting Point 264-266 °C

Heavy Metals ≤ 20 ppm

Water Content (Karl Fisher) ≤ 1.0%

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 0.5%

Residual Solvents Conforms to requirement

Related Substances ≤ 0.4%
Single impurity: ≤ 0.4%

Residue On Ignition ≤ 0.2%

Purity by HPLC ≥ 99%

Purity by UV Conforms

Grade USP/BP/EP

Application Used to inhibit bacterial DNA gyrase-dependent processes such as DNA polymerization, ATP-dependent-DNA supercoiling, and chromosome fragmentation.

Storage Store at 0-8 °C

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For Laboratory Use Only