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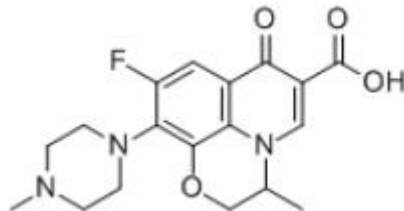
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Technical Data Sheet

Levofloxacin hemihydrate

Product Information

Chemical Name	Levofloxacin hemihydrate
CAS #	100986-85-4
EINECS	#
Formula	$C_{18}H_{20}FN_3O_4 \cdot 1/2H_2O$
Molecular Weight	370.38
Synonyms	Levofloxacin base;
Chemical Structure	



Description

Levofloxacin hemihydrate is a kind of white or yellow light crystalline powder, and it is soluble in water.

Physical Properties

Melting point, °C	218
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Specification

Description	White or yellow light crystalline powder
Water	2.1%—2.7%
Optical rotation	-92°~-106°
Residue on ignition	≤0.2%
Heavy metals	≤10ppm
Assay	98.5%~102.0%

Safety

As a general rule, when handling the materials avoid all contact and inhalation of dust, mists, and/or vapors associated

with the material. Wash thoroughly after handling. It is common goods on transportation; Always refer to the Material Safety Data Sheet (MSDS)

Applications

Usual adult dose: The usual oral adult dose of ofloxacin is 200 to 400 mg every 12 hours.

Adverse effects: Adverse effects may include nausea, diarrhea, vomiting, mild abdominal or stomach pain, dizziness, headache, nervousness, drowsiness or insomnia, increased sensitivity of skin to sunlight, vaginitis, skin problems, and taste disturbances. Possible allergic reaction to material if inhaled, ingested or in contact with skin.

Overdose effects: There is limited information regarding overdose with ofloxacin, but symptoms may include drowsiness, nausea, dizziness, hot and cold flushed, facial swelling and numbness, slurred speech, and moderate disorientation.

Packaging

25kg per fiber drum, 280 drums per 20ft container without pallets.

Storage & Handling

Handling: As a general rule, when handling the materials avoid all contact and inhalation of dust, mists, and/or vapors associated with the material. Wash thoroughly after handling.

Storage: Store in tight, light-resistant container. This material should be handled and stored per label instructions to ensure product integrity.

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