



Enoxacin PRODUCT DATA SHEET

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Product Name:	Enoxacin
Product Number:	E029
CAS Number:	84294-96-2
Molecular Formula:	$C_{15}H_{17}FN_4O_3 \bullet 1.5H_2O$
Molecular Weight:	320.32
Form:	Powder
Appearance:	White to light yellow powder
Elemental Analysis:	Heavy metals = <20 ppm
Description:	Enoxacin is a fluoroquinolone antibiotic with a broad spectrum (Gram-positive and Gram-Negative) of activity. Enoxacin was used to treat urinary tract infections and gonorrhea.
Mechanism of Action:	Fluoroquinolone antibiotics target bacterial DNA gyrase, an enzyme which reduces DNA strain during replication. Because DNA gyrase is required during DNA replication, subsequent DNA synthesis and cell division is inhibited.
Spectrum:	Enoxacin has a broad spectrum of activity and is active against Gram-positive and Gram-negative bacteria.

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