



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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