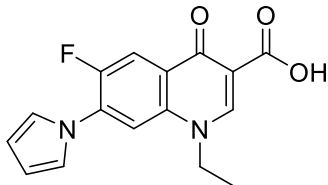




Certificate of Analysis

| | | |
|---------------------|----------------------|--------------|
| MedKoo Cat#: | Product Name: | Lot#: |
| 576764 | Irloxacin | YXM220304 |

| | |
|--|---|
| Chemical name | |
| 3-Quinolinecarboxylic acid, 1-ethyl-6-fluoro-1,4-dihydro-4-oxo-7-(1H-pyrrol-1-yl)- | |
| Synonyms | |
| E 3432; E3432; E-3432; Irloxacin; Pirfloxacin | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 576764 Name: Irloxacin CAS#: 91524-15-1 (free acid) Lot #: YXM220304 Chemical Formula: C ₁₆ H ₁₃ FN ₂ O ₃ Exact Mass: 300.091 Molecular Weight: 300.29 |

| Analysis item | Specifications / Results |
|---------------------------|--|
| Appearance | Light beige solid powder |
| Structure | ¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature. |
| Purity (HPLC) | >98.0% |
| Conclusion | This product conforms with MedKoo's quality standards |
| Shipping condition | Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs. |
| Storage condition | Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition |
| Shelf life | At least 3 years if properly stored. |

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE