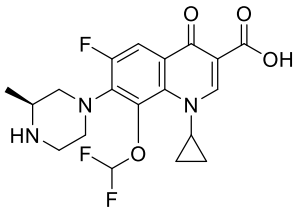


Certificate of Analysis

| MedKoo Cat#: | Product Name: | Lot#: |
|--------------|---------------|-----------|
| 326632 | Cadrofloxacin | T21D11P25 |

| Chemical name | |
|--|--|
| (S)-1-cyclopropyl-8-(difluoromethoxy)-6-fluoro-7-(3-methylpiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid | |
| Synonyms | |
| CS-940; CS 940; CS940; Cadrofloxacin; Caderofloxacin; Cadrofloxacin hydrochloride; Cadrofloxacin HCl. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 326632 Name: Cadrofloxacin CAS#: 153808-85-6 (free base) Lot#: T21D11P25 Chemical Formula: C ₁₉ H ₂₀ F ₃ N ₃ O ₄ Exact Mass: 411.1406 Molecular Weight: 411.38 |

| Analysis item | Specifications / Results |
|--------------------|--|
| Appearance | White to off white 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