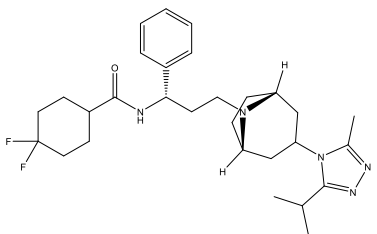


Certificate of Analysis

| MedKoo Cat#: | Product Name: | Lot#: |
|--------------|---------------|-----------|
| 318173 | Maraviroc | C20M02C10 |

| Chemical name | |
|---|--|
| 4,4-difluoro-N-[(1S)-3-[(1S,5R)-3-(3-methyl-5-propan-2-yl-1,2,4-triazol-4-yl)-8-azabicyclo[3.2.1]octan-8-yl]-1-phenylpropyl]cyclohexane-1-carboxamide | |
| Synonyms | |
| Maraviroc; Selzentry; Celsentri; UK-427857; UK-427,857; Pfizer Brand of maraviroc; Selzentry; UK-427,857; UK-427857. | |
| Chemical structure | CAS# and Theoretical analysis |
|  | MedKoo Cat#: 318173 Name: Maraviroc CAS#: 376348-65-1 Lot#: C20M02C10 Chemical Formula: C ₂₉ H ₄₁ F ₂ N ₅ O Exact Mass: 513.32792 Molecular Weight: 513.67 |

| 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%. |
| Solubility | Soluble in DMSO. |
| 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 5 years if properly stored. |

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