

CERTIFICATE OF ANALYSIS

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| 1. Identificati | | | |
|---|--|---|--|
| | on | | |
| Catalogue Number: | C988650 | CAS Number: | 112811-72-0 |
| Product: | 1-Cyclopropyl-6,7-difluoro-8-methox oxo-1,4-dihydroquinoline-3-carboxyli Acid | | 1-Cyclopropyl-6,7-difluoro-1,4-dihydro- 8-methoxy-4-oxo-3-quinolinecarboxylic Acid; |
| Structure: | ~ 7 | | Molecular Formula: |
| | OCH ₃ Y | | C14H11F2NO4 |
| | FLN | | Molecular weight: |
| | F CO2H | | 295.24 |
| | | | Source of Product: |
| | | | N/A |
| | 000211 | | Solubility: |
| | 0 | | Chloroform (Slightly), Methanol (Slightly) |
| Lot Number: | 53-GHZ-51-1 | Purity: | 98% |
| 2. Warning | Warrier | | Weinter 2 |
| Warning 1: | | | Warning 3: |
| 3. Analytical I | | | |
| Tests: | Specifications: | F | tesults: |
| Annoaranco | White to Dale Poige Colid | 1 | Nhito Calid |
| | - | - | White Solid |
| NMR | Conforms to Structure | C | Conforms |
| NMR HPLC Purity | Conforms to Structure Report Result | (9 | Conforms 99.56% (225 nm) |
| NMR HPLC Purity MS | Conforms to Structure Report Result Conforms to Structure | (9 (| Conforms Conforms |
| NMR HPLC Purity MS F NMR | Conforms to Structure Report Result Conforms to Structure Conforms to Structure | (9 (| Conforms 99.56% (225 nm) |
| NMR HPLC Purity MS F NMR Additional | Conforms to Structure Report Result Conforms to Structure Conforms to Structure | (9 (| Conforms 09.56% (225 nm) Conforms Conforms |
| NMR HPLC Purity MS F NMR Additional urity is based f ± 2%. Isoto | Conforms to Structure Report Result Conforms to Structure Conforms to Structure Information: N/A on the analytical results of the tests perfo | rmed. NMR and Ekserved. The conte | Conforms 29.56% (225 nm) Conforms Conforms emental Analysis (if available) may have an accuracy nts of the specifications are subject to change |
| urity is based f ± 2%. Isoto | Conforms to Structure Report Result Conforms to Structure Conforms to Structure Information: N/A on the analytical results of the tests perfo | rmed. NMR and Ekserved. The conte | Conforms 29.56% (225 nm) Conforms Conforms emental Analysis (if available) may have an accuracy nts of the specifications are subject to change |
| NMR HPLC Purity MS F NMR Additional urity is based f ± 2%. Isoto ithout advan | Conforms to Structure Report Result Conforms to Structure Conforms to Structure Information: N/A on the analytical results of the tests perfo opic purity is based on mass distribution object and the specification values display | rmed. NMR and Ekserved. The conte | Conforms 29.56% (225 nm) Conforms Conforms emental Analysis (if available) may have an accuracy nts of the specifications are subject to change |
| NMR HPLC Purity MS F NMR Additional urity is based f ± 2%. Isoto ithout advan I. Signatures Reviewed | Conforms to Structure Report Result Conforms to Structure Conforms to Structure Conforms to Structure Information: N/A on the analytical results of the tests perfo opic purity is based on mass distribution object anotice, and the specification values display By Reviewed By Coff By Reviewed By | rmed. NMR and Ekserved. The conte ayed here are the | Conforms 29.56% (225 nm) Conforms Conforms emental Analysis (if available) may have an accuracy nts of the specifications are subject to change most up to date values. |
| NMR HPLC Purity MS F NMR Additional urity is based f ± 2%. Isoto ithout advan | Conforms to Structure Report Result Conforms to Structure Conforms to Structure Conforms to Structure Information: N/A on the analytical results of the tests perfo opic purity is based on mass distribution ob ce notice, and the specification values displ By Reviewed By Cof By Sharma Toni Rantanen | rmed. NMR and Ekserved. The conte ayed here are the A Approved | Conforms 09.56% (225 nm) Conforms Conforms emental Analysis (if available) may have an accuracy nts of the specifications are subject to change most up to date values. Test Date Retest Date |