

## Certificate of Analysis

Date of Testing: 2023-06-09 14:55:47

Date of Next Testing: 2027-06-08 14:55:47

Product Name: **Ethyl 1-Cyclopropyl-6,7-difluoro-1,4-dihydro-8- methoxy-4-oxo-3-quinolinecarboxylate**

CAS Number: 112811-71-9

Specifications & Purity: >98.0%

Lot #: F2303242

SKU #: **E156380**

Analysis: **186130**

Storage Temperature: Store at -20°C

| Parameter            | Limit Values                                  | Result                                        |
|----------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)         | 98-100 (%)                                    | 99.74700 %                                    |
| Melting point        | 183-187 (°C)                                  | 185.28000 °C                                  |
| Appearance (E156380) | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Proton NMR spectrum  | Conforms to Structure                         | Conforms to Structure                         |



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