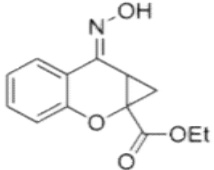


Certificate of Analysis



| Product Identification | | Chemical Structure |
|-------------------------|--|---|
| Catalog number | HB0216 |  |
| Compound name | CPCCOEt | |
| Chemical name | 7-(Hydroxyimino)cyclopropa[b]chromen-1a-carboxylate ethyl ester | |
| Batch number | E0738-5-2 | |
| Batch molecular formula | C ₁₃ H ₁₃ NO ₄ | |
| Batch molecular weight | 247.25 | |
| Method | QC requirement | QC Result |
| HPLC | Reverse Phase HPLC shows >98% purity | Meets specification: 99.0% |
| NMR | ¹ H NMR in CDCl ₃ at 400 MHz consistent with structure | Meets specification |
| Mass spectrum | Electrospray positive analysis consistent with structure | Meets specification |
| Microanalysis | Elemental analysis is within 0.4% for the batch molecular formula | Meets specification |
| TLC | TLC analysis in 50% EtOAc/hexane shows one spot under uv | Meets specification: R _f =0.6 |
| Physical appearance | White to off-white solid | Meets specification: White solid |
| Solubility | Soluble in DMSO (100 mM) | Meets specification |

Produced by

Signature

Passed by

Signature

Date

04-01-18

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.