

Certificate of Analysis



| Product Identification | | Chemical Structure |
|--------------------------------|---|--|
| Catalog number | HB3595 | |
| Compound name | Camostat Mesylate | |
| Chemical name | 4-[[4-[(Aminoiminomethyl)amino]benzoyl]oxy]benzeneacetic acid 2-(dimethylamino)-2-oxoethyl ester methanesulfonate | |
| Batch number | E1354-1-1 | |
| Batch molecular formula | C ₂₁ H ₂₆ N ₄ O ₆ S | |
| Batch molecular weight | 494.52 | |
| Method | QC requirement | QC Result |
| HPLC | Reverse Phase HPLC shows >98% purity | Meets specification: 99.3% |
| NMR | ¹ H NMR in D ₂ O 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% PAW/BuOH shows one spot under uv | Meets specification: R _f =0.7 |
| Physical appearance | White to off-white solid | Meets specification: White solid |
| Solubility | Soluble in water (50 mM) and in DMSO (100 mM) | Meets specification |

Produced by

Signature

Passed by

Signature

Date

30-06-20

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