# Certificate of Analysis

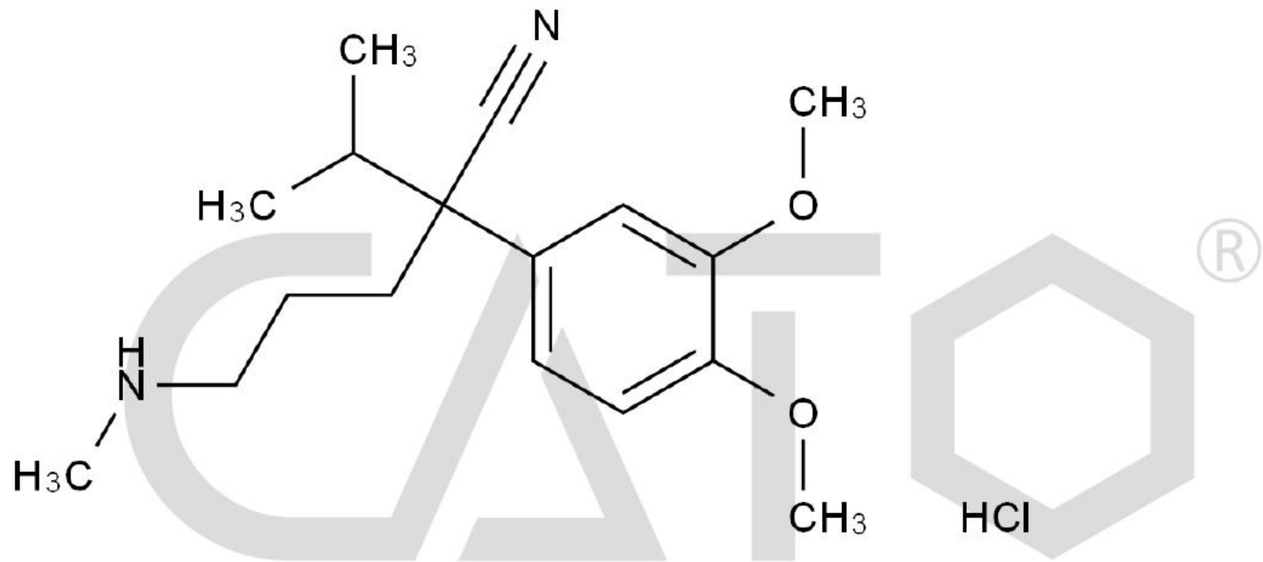
## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Verapamil EP Impurity F HCl | **Catalogue Number:** | CP144229 |
| **Synonyms:** | N/A | **Lot Number:** | 0128-RE-0012 |
| **CAS Number:** | 67775-97-7 | **Expiry Date:** | Jan 29, 2026 |
| **Molecular Formula:** | $C_{17}H_{26}N_2O_2$. HCl | **Storage:** | 2°C ~ 8°C Protected from light and Sealed |
| **Molecular Weight:** | 290.40 36.46 | | |

**Warning:**



**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Powder |
| **Identification** | LCMS&HNMR | Confirmed |
| **Purity** | HPLC | 99.4% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Hin Lam Date: Jan 30, 2023

Reviewed by: Nacy Date: Jan 30, 2023

Approved by General Manager: David Date: Jan 30, 2023

CATO Research Chemicals Inc.