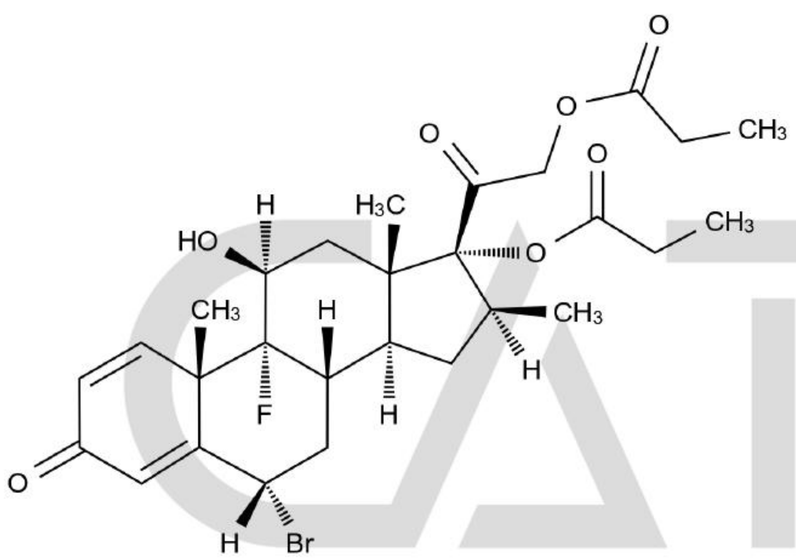
# Certificate of Analysis

## Reference Material & Standard

| | | | |
|---|---|---|---|
| **Product Name:** | Betamethasone Dipropionate EP Impurity H | **Catalogue Number:** | C4X-143719 |
| **Synonyms:** | 6α-Bromobetamethasone Dipropionate | **Lot Number:** | 0827-RH-0050 |
| **CAS Number:** | 2575516-37-7 | **Expiry Date:** | Aug 31, 2030 |
| **Molecular Formula:** | $C_{28}H_{36}BrFO_7$ | **Storage:** | -20°C±5°C Protected from light and Sealed |
| **Molecular Weight:** | 583.48 | **Shipping Condition:** | Shipping with Ice Packs |
| **Solubility:** | Acetonitrile | | |

**Chemical Structure:**




| Test Items | Method | Results |
|---|---|---|
| **Appearance** | Visual inspection | White Solid |
| **Identification** | LCMS&IR&UV&CNMR&HNMR | Confirmed |
| **Purity** | HPLC | 99.7% |
| **Assay** | qNMR | 98.6% |

CATO Research Chemicals Inc.

**Signature:**

Prepared by: Alice Date: Sep 01, 2026

Reviewed by: Koi Date: Sep 01, 2026

Approved by General Manager: David Date: Sep 01, 2026

CATO Research Chemicals Inc.