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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2026

Product Name: Betamethasone Dipropionate EP Impurity H

Identification:

Chemical Name: 6 α -Bromo-9-fluoro-11 β -hydroxy-16 β -methyl-3,20-dioxopregna-1,4-diene-17,21-diyl dipropionate

Synonyms : Betamethasone Dipropionate
USP Related Compound H ; 6 α -
Bromo-Betamethasone
Dipropionate

CAS Number : 2575516-37-7

CAT Number : CP-B26008

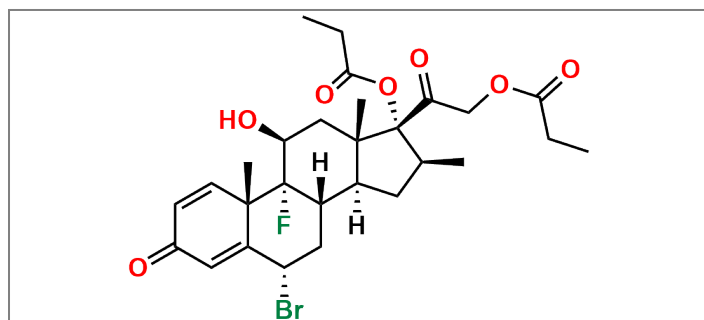
Molecular Formula : C₂₈H₃₆BrFO₇

Molecular Weight : 583.49

Batch Number : CP-BET-DIPH-1224

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.61%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to Structure
7)	Weight loss by TGA	0.847%
8)	Potency by TGA	94.80%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.