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CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2027

Product Name: Budesonide EP Impurity E

Identification:

Chemical Name: $16\alpha,17-[(1R,S)\text{-Butylidenebis(oxy)}]-11\beta,21\text{-dihydroxypregna-1,4,14-triene-3,20-dione}$ (as per EP)

Synonyms : Budesonide USP Related
Compound E ; 14,15-
Dehydrobudesonide (USP)

CAS Number : 131918-64-4

CAT Number : CP-B19005

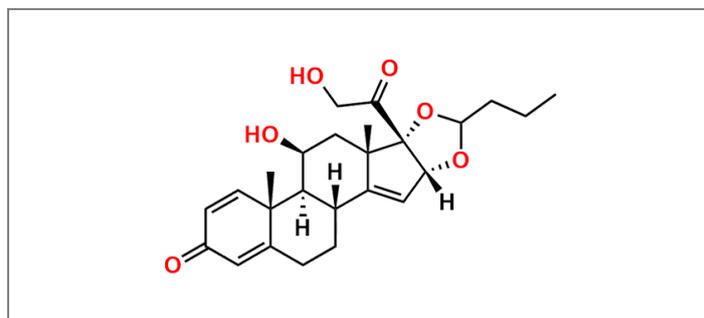
Molecular Formula : $C_{25}H_{32}O_6$

Molecular Weight : 428.52

Batch Number : CP-BUD-E-1125

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 Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>90%
5)	^1H NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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