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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Budesonide EP Impurity B**

#### Identification:

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

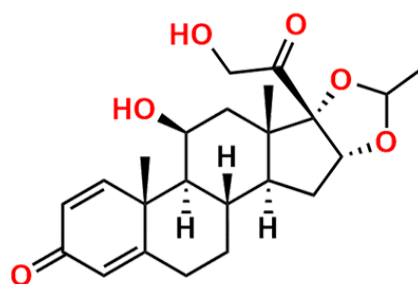
Synonyms : Budesonide acetaldehyde acetal  
(epimers) (USP)

CAS Number : 1040085-98-0

CAT Number : CP-B19002

Molecular Formula :  $\text{C}_{23}\text{H}_{30}\text{O}_6$

Molecular Weight : 402.49



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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