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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Budesonide EP Impurity L**

### Identification:

Chemical Name: 16 $\alpha$ ,17-[(1R)-Butylidenebis(oxy)]-21-hydroxypregna-1,4-diene-3,11,20-trione (as per EP)

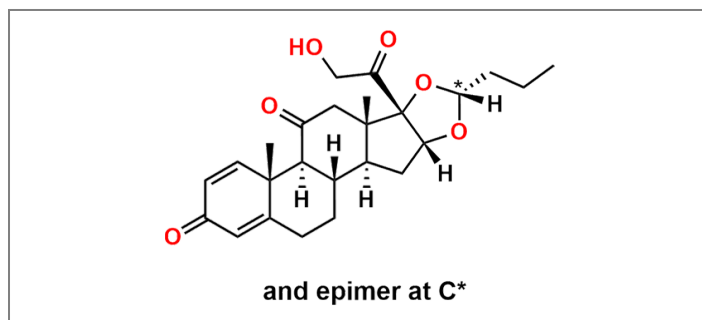
Synonyms : Budesonide USP Related  
Compound L ; 11-  
ketobudesonide (USP)

CAS Number : 216453-74-6

CAT Number : CP-B19012

Molecular Formula : C<sub>25</sub>H<sub>32</sub>O<sub>6</sub>

Molecular Weight : 428.52



### 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
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**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.