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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Mometasone EP Impurity D**

### Identification:

Chemical Name: 21-Chloro-9,11 $\beta$ -epoxy-16 $\alpha$ -methyl-3,20-dioxo-9 $\beta$ -pregna-1,4-dien-17-yl furan-2-carboxylate (as per EP)

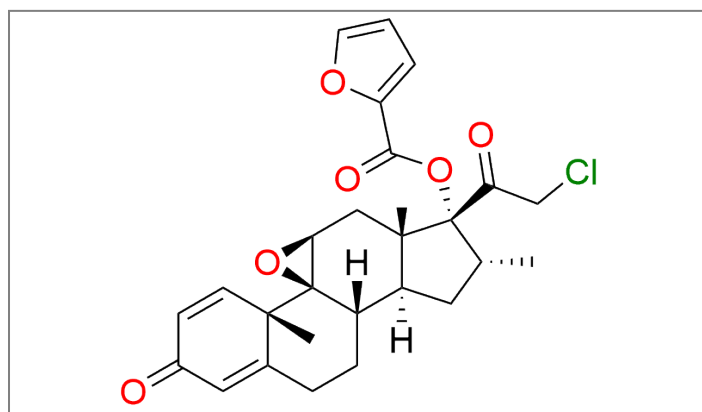
Synonyms : Mometasone Furoate Epoxy  
Impurity

CAS Number : 83881-09-8

CAT Number : CP-M24004

Molecular Formula : C<sub>27</sub>H<sub>29</sub>ClO<sub>6</sub>

Molecular Weight : 484.97



### 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.