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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2023

Re-test Date: Mar 2026

**Product Name: Olmesartan EP Impurity D**

### Identification:

Chemical Name: (5-Methyl-2-oxo-1,3-dioxol-4-yl)methyl 4-(1-hydroxy-1-methylethyl)-2-propyl-1-[[2'-[(2-triphenylmethyl)-2H-tetrazol-5-yl]biphenyl-4-yl]methyl]-1H-imidazole-5-carboxylate (as per EP)

Synonyms : N2-Trityl Olmesartan Medoxomil  
; N-Alkyl Olmesartan ; N-2 Trityl  
Olmesartan

CAS Number : 1020157-01-0

CAT Number : CP-O7004

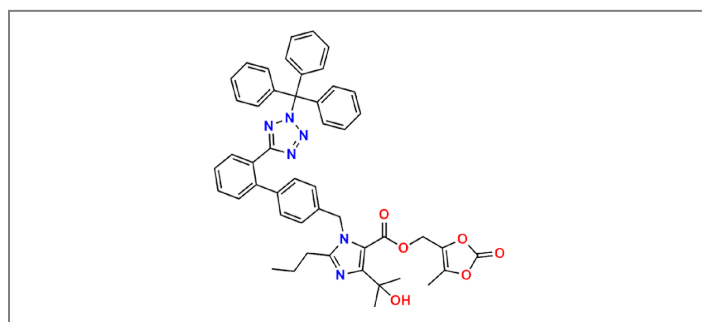
Molecular Formula : C<sub>48</sub>H<sub>44</sub>N<sub>6</sub>O<sub>6</sub>

Molecular Weight : 800.92

Batch Number : CHEM-OLM-D

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	95.26%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.