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## CERTIFICATE OF ANALYSIS

Analysis Date:

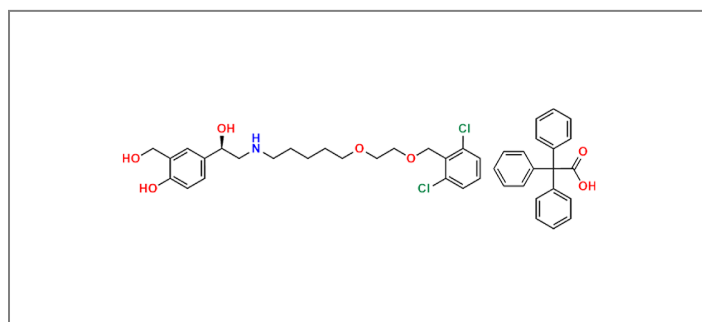
Re-test Date:

**Product Name: Vilanterol Impurity 49 (Triphenylacetate)**

### Identification:

Chemical Name:  $\alpha$ 1-[[[5-[2-[(2,6-Dichlorophenyl)methoxy]ethoxy]pentyl]amino]methyl]-4-hydroxy-(a1R)-1,3-benzenedimethanol, triphenylacetate (1:1)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-V22057  
Molecular Formula : C<sub>23</sub>H<sub>31</sub>Cl<sub>2</sub>N<sub>0</sub>S : C<sub>20</sub>H<sub>16</sub>O<sub>2</sub>  
Molecular Weight : 472.41 : 288.35



### 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.