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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Vilanterol Impurity 44 (Trifluoroacetate)**

### Identification:

Chemical Name: 2-((6-((2-hydroxy-2-(4-hydroxy-3-(hydroxymethyl)phenyl)ethyl)amino)hexyl)oxy)acetic acid, 2,2,2-trifluoroacetic acid (1:1)

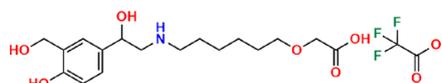
Synonyms : NA

CAS Number : NA

CAT Number : CP-V22033

Molecular Formula : C<sub>17</sub>H<sub>27</sub>NO<sub>6</sub> : C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>

Molecular Weight : 341.40 : 114.02



### 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.