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## CERTIFICATE OF ANALYSIS

Analysis Date:

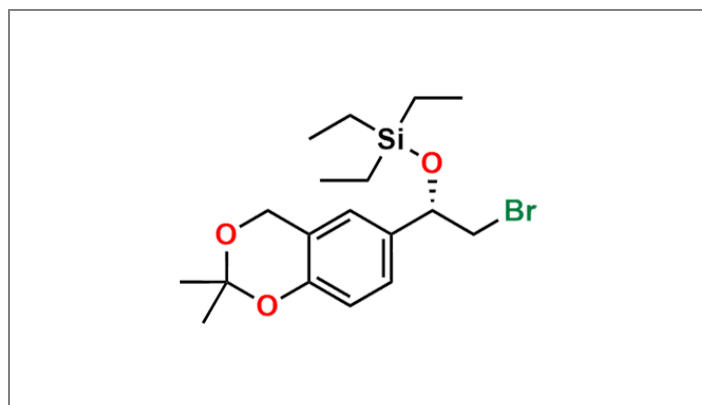
Re-test Date:

**Product Name: Vilanterol Impurity 9**

### Identification:

Chemical Name: (R)-(2-Bromo-1-(2,2-dimethyl-4H-benzo[d][1,3]dioxin-6-yl)ethoxy)triethylsilane

Synonyms : NA  
CAS Number : 452342-06-2  
CAT Number : CP-V22009  
Molecular Formula : C<sub>18</sub>H<sub>29</sub>BrO<sub>3</sub>Si  
Molecular Weight : 401.42



### 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.