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## CERTIFICATE OF ANALYSIS

Analysis Date:

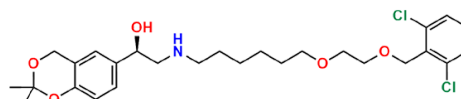
Re-test Date:

**Product Name: Vilanterol Impurity 1**

### Identification:

Chemical Name: (1R)-2-[[6-[2-[(2,6-Dichlorobenzyl)oxy]ethoxy]hexyl]amino]-1-(2,2-dimethyl-4H-1,3-benzodioxin-6-yl)ethanol

Synonyms : NA  
CAS Number : 503068-37-9  
CAT Number : CP-V22069  
Molecular Formula : C<sub>27</sub>H<sub>37</sub>Cl<sub>2</sub>N<sub>1</sub>O<sub>5</sub>  
Molecular Weight : 526.5



### 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)	<sup>1</sup> H NMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.