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## CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

**Product Name: Formoterol EP Impurity E**

### Identification:

Chemical Name: N-[2-Hydroxy-5-[1-hydroxy-2-[[2-(4-methoxy-3-methylphenyl)-1-methylethyl]amino]ethyl]phenyl]formamide

Synonyms : 3-Methyl formoterol

CAS Number : 1616967-26-0

CAT Number : CP-F42005

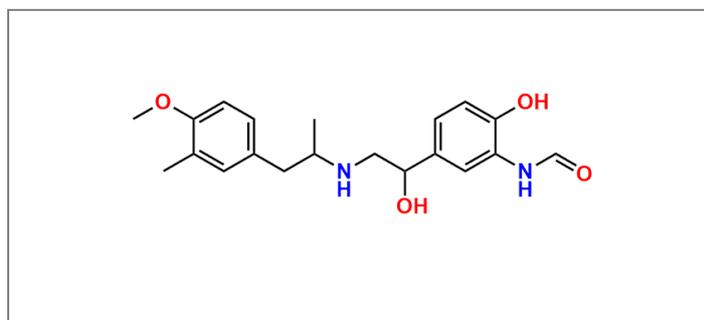
Molecular Formula : C<sub>20</sub>H<sub>26</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 358.43

Batch Number : CP-FOR-E-0825

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	Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.19%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	2.311%
7)	Potency by TGA	96.90%



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.