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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Jan 2029

Product Name: Formoterol EP Impurity F

Identification:

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

Synonyms : Formoterol dimer (USP) ;
Formoterol USP Related
Compound F

CAS Number : 1795129-59-7

CAT Number : CP-F42006

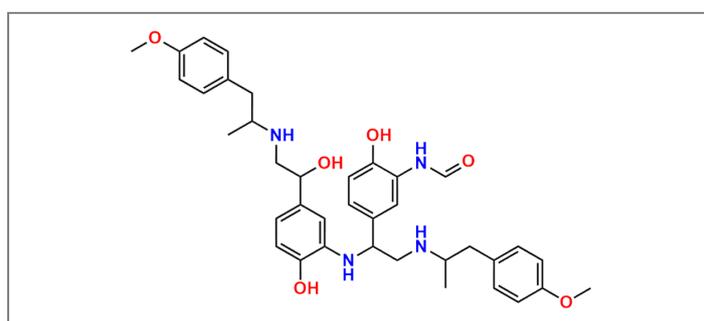
Molecular Formula : C37H46N4O6

Molecular Weight : 642.8

Batch Number : CP-FOR-F-0326

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	Peak 1(RT-19.43 min)-23.46% Peak 2(RT-19.55min)-33.17% Peak 3(RT-19.68 min)-14.78% Peak 4(RT-19.86 min)-21.01% Total Purity 92.42%
5)	¹ HNMR	Confirm to structure
6)	Weight loss by TGA	1.244%
7)	Potency by TGA	91.27%



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.