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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2022

Re-test Date: Jun 2025

Product Name: Salbutamol 4-Ethoxy Analog

Identification:

Chemical Name: 2-(Tert-butylamino)-1-(4-ethoxy-3-(hydroxymethyl)phenyl)ethan-1-ol

Synonyms : Albuterol Impurity O ; (\pm)-4-O-Ethyl Albuterol ; 4-Ethoxy Albuterol

CAS Number : 2387728-91-6

CAT Number : CP-S7017

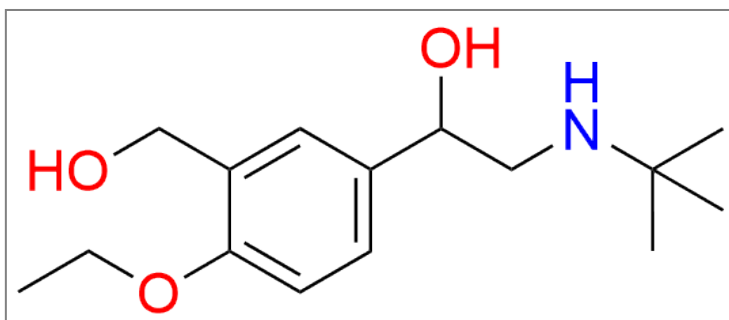
Molecular Formula : C₁₅H₂₅NO₃

Molecular Weight : 267.37

Batch Number : CHEM-ALB-O

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	Off-White to Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	96.19%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.