



CERTIFICATE OF ANALYSIS

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1. Identification

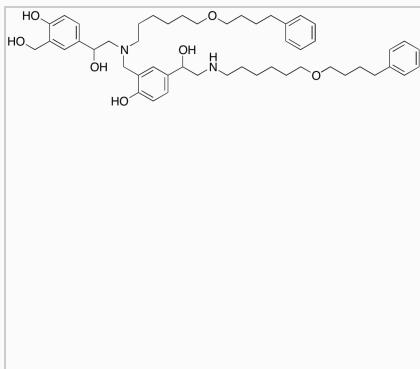
Catalogue Number: S090115

CAS Number: 1391051-88-9

Product: Salmeterol Dimer Impurity (Mixture of Diastereomers)

Synonym: 1-[4-Hydroxy-3-[[[2-hydroxy-2-[4-hydroxy-3-(hydroxymethyl)phenyl]ethyl][6-(4-phenylbutoxy)hexyl]amino]methyl]phenyl]2-[[6-(4-phenylbutoxy)hexyl]amino]ethanol; Salmeterol EP Impurity G;

Structure:



Molecular Formula:

C₅₀H₇₂N₂O₇

Molecular weight:

813.12

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Very Slightly)

Lot Number: 3-MMS-168-3

Purity: 93%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Off-White Oil to Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	93.67% (230 nm)
MS	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	Chanell Chu	8/10/2023	8/8/2027