

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: Formoterol EP Impurity I**

### Identification:

Chemical Name: N-[2-Hydroxy-5-[(1R,S)-1-hydroxy-2-[[[(1S)-2-(4-methoxyphenyl)-1-methylethyl]amino]ethyl]phenyl]formamide (as per EP)

Synonyms : Formoterol USP Related  
Compound I ; rel-(R,S)-  
Formoterol ; anti-rac-Formoterol

CAS Number : 532414-36-1

CAT Number : CP-F42058

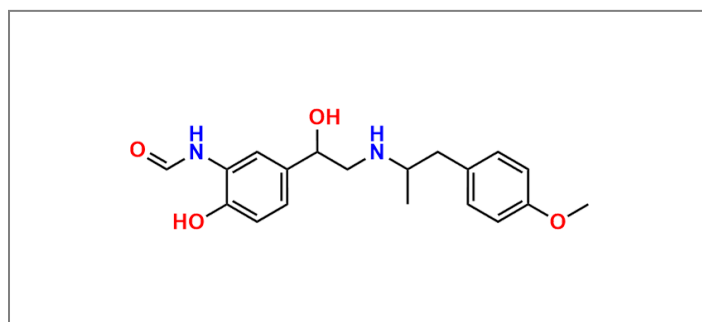
Molecular Formula : C<sub>19</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 344.41

Batch Number : CP-FOR-I-0325

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 Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.95 %
5)	<sup>1</sup> HNMR	Confirm to structure
6)	IR	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.