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## CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2025

Re-test Date: Dec 2027

**Product Name: Atenolol EP Impurity I**

### Identification:

Chemical Name: 2-[4-[(2RS)-3-(Ethylamino)-2-hydroxypropoxy]phenyl]acetamide (as per EP)

Synonyms : Atenolol Desmethyl Impurity ;  
Atenolol Ethylamino Analog

CAS Number : 1797116-92-7

CAT Number : CP-A29009

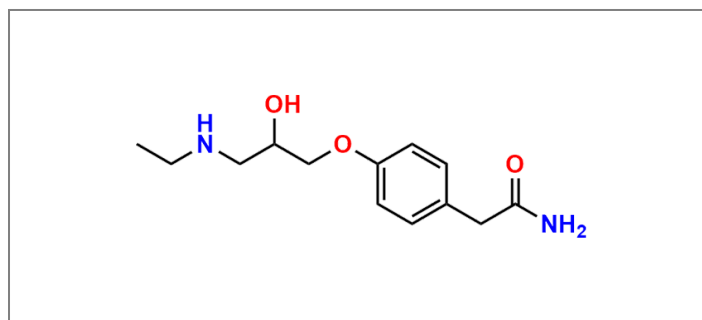
Molecular Formula : C<sub>13</sub>H<sub>20</sub>N<sub>2</sub>O<sub>3</sub>

Molecular Weight : 252.32

Batch Number : CP-ATE-I-0125

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 Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.53 %
5)	H1NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	5.461 %
8)	Potency by TGA	90.31 %



**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.