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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Fexofenadine EP Impurity C**

### Identification:

Chemical Name: (1R)-4-[4-(hydroxydiphenylmethyl)piperidin-1-yl]-1-[4-(1-methylethyl)phenyl]butan-1-ol (as per EP)

Synonyms : Decarboxy Fexofenadine ;  
Fexofenadine USP Related  
Compound C

CAS Number : 185066-37-9

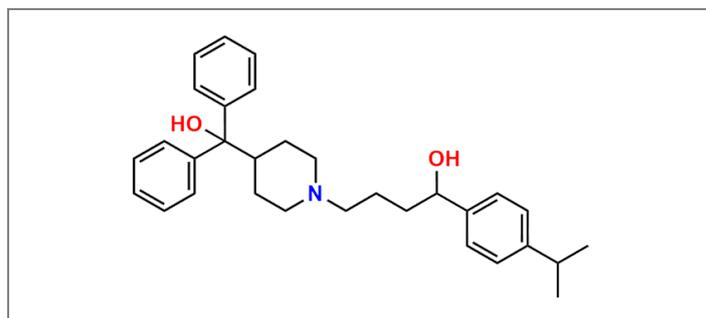
CAT Number : CP-F13003

Molecular Formula : C<sub>31</sub>H<sub>39</sub>NO<sub>2</sub>

Molecular Weight : 457.7

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.37%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-

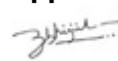


**Prepared and Reviewed By**



Mr. Shubham Bondre  
(Quality Control)

**Approved By**



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.