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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2024

Re-test Date: Feb 2026

**Product Name: Bisoprolol EP Impurity R**

### Identification:

Chemical Name: 1-(isopropylamino)-3-(p-tolyloxy)propan-2-ol

Synonyms : Bisoprolol USP Related  
Compound C

CAS Number : 5790-46-5

CAT Number : CP-B14018

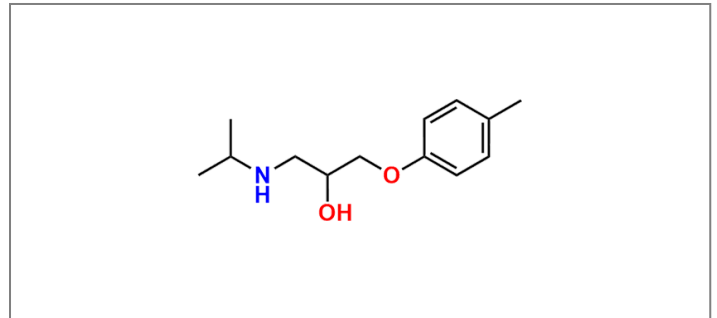
Molecular Formula : C<sub>13</sub>H<sub>21</sub>NO<sub>2</sub>

Molecular Weight : 223.31

Batch Number : CP-BIS-R-0324

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	99.64%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	7.712%
8)	Potency by TGA	91.95%



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.