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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2024

Re-test Date: Nov 2027

Product Name: Tramadol EP Impurity A

Identification:

Chemical Name: (1RS,2SR)-2-[(dimethylamino)methyl]-1-(3-methoxyphenyl)cyclohexan-1-ol (as per EP)

Synonyms : Tramadol USP Related
Compound A

CAS Number : 152538-36-8

CAT Number : CP-T28001

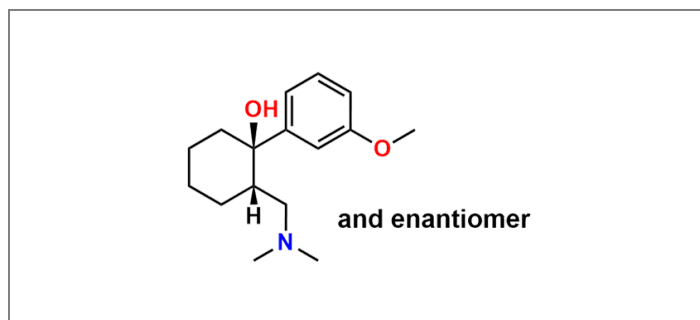
Molecular Formula : C₁₆H₂₅NO₂

Molecular Weight : 263.38

Batch Number : CP-TRA-A-0823

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	96.63 %
5)	¹ 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.