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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tramadol EP Impurity B

Identification:

Chemical Name: [2-(3-methoxyphenyl)cyclohex-1-en-1-yl]-N,N-dimethylmethanamine hydrochloride(as per EP)

Synonyms : Tramadol 1,2-Olefin
Hydrochloride (USP)

CAS Number : 66170-32-9

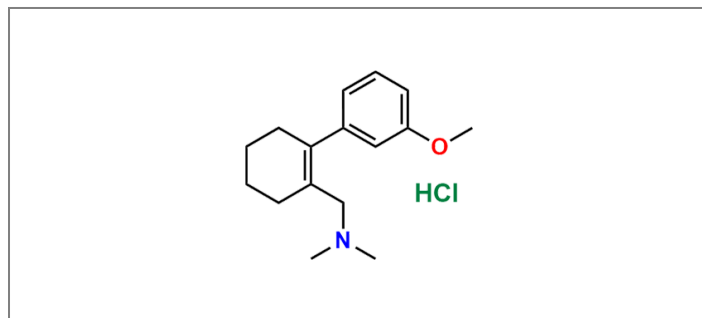
CAT Number : CP-T28002

Molecular Formula : C₁₆H₂₃NO : HCl

Molecular Weight : C₁₆H₂₃NO : 36.46

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	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ HNMR	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.