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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

Product Name: Bupropion

Identification:

Chemical Name: (\pm)-2-(Tert-Butylamino)-3'-chloropropiophenone hydrochloride (as per USP)

Synonyms : NA

CAS Number : 31677-93-7

CAT Number : CP-B21000

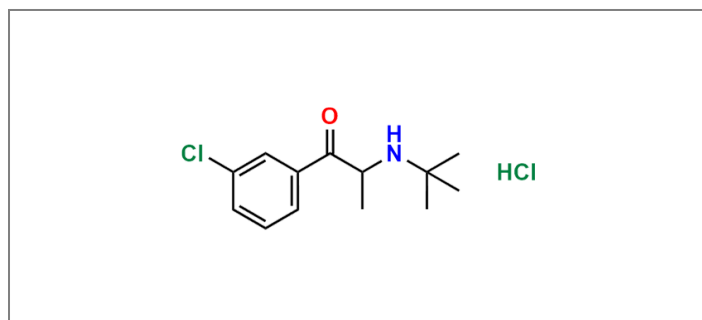
Molecular Formula : C₁₃H₁₈ClNO : HCl

Molecular Weight : 239.74 : 36.46

Batch Number : CHEM-BUP-AP

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	99.47%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to structure
7)	IR	Confirm to structure
8)	Weight loss by TGA	1.58%
9)	Potency by TGA	97.89%



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.