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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Bupropion USP Related Compound D**

### Identification:

Chemical Name: 2-(tert-butylamino)propiophenone Hydrochloride(as per USP)

Synonyms : Deschloro Bupropion hydrochloride(USP)

CAS Number : 63199-74-6

CAT Number : CP-B21004

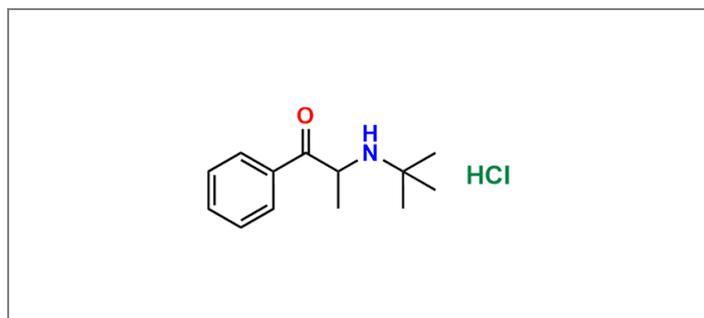
Molecular Formula : C<sub>13</sub>H<sub>19</sub>NO : HCl

Molecular Weight : 205.26 : 36.5

Batch Number : CP-BUP-D-0525

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.87%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.425%
7)	Potency by TGA	97.45%



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.