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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

Product Name: Bupropion 3,4-Dichloro Impurity Hydrochloride

Identification:

Chemical Name: 2-Tert-Butylamino)-1-(3,4-dichlorophenyl)propan-1-one hydrochloride (as per USP)

Synonyms : Bupropion 3',4'-Dichloro
Impurity

CAS Number : 1346598-72-8

CAT Number : CP-B21018

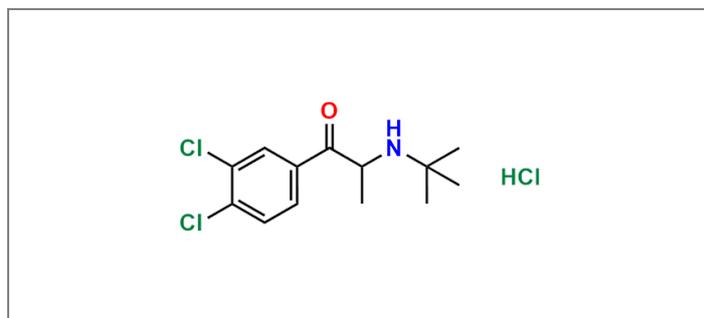
Molecular Formula : C₁₃H₁₇Cl₂NO:HCl

Molecular Weight : 274.15:36.5

Batch Number : CP-33-16j

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 to Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.36%
5)	¹ H NMR	Confirm to Structure
6)	Weight loss by TGA	0.540%
7)	Potency by TGA	98.82%



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.