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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2022

Re-test Date: Oct 2025

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

### Identification:

Chemical Name: 1-(3-Chlorophenyl)-2-hydroxypropan-1-one (as per USP)

Synonyms : NA

CAS Number : 152943-33-4

CAT Number : CP-B21003

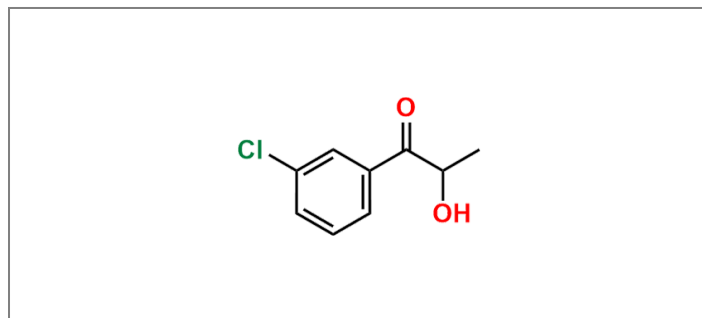
Molecular Formula : C<sub>9</sub>H<sub>9</sub>ClO<sub>2</sub>

Molecular Weight : 184.62

Batch Number : CHEM-BU-RC-C

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	Yellow Liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.54%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.