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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2023

Re-test Date: Jan 2025

**Product Name: (3S,5R,6R)-Bupropion Impurity**

### Identification:

Chemical Name: (3S,5R,6R)-6-(3-Chlorophenyl)-6-hydroxy-5-methylthiomorpholine-3-carboxylic acid

Synonyms : R,S,S-Thiomorpholine Derivative  
; 3-Chloroperoxybenzoic Acid

CAS Number : 2133460-43-0

CAT Number : CP-B21016

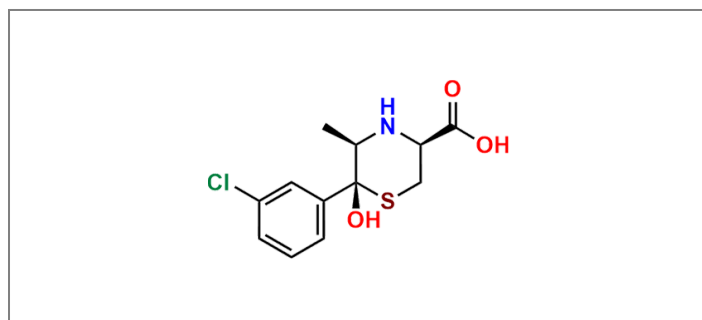
Molecular Formula : C<sub>12</sub>H<sub>14</sub>ClNO<sub>3</sub>S

Molecular Weight : 287.76

Batch Number : CHEM-BUP-SRR-01

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### 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	95.54%
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.