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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025

Re-test Date: Mar 2028

**Product Name: Iloperidone Impurity 20**

### Identification:

Chemical Name: 1-(4-(3-Bromopropoxy)-3-methoxyphenyl)ethan-1-one

Synonyms : NA

CAS Number : 3245-49-6

CAT Number : CP-I38022

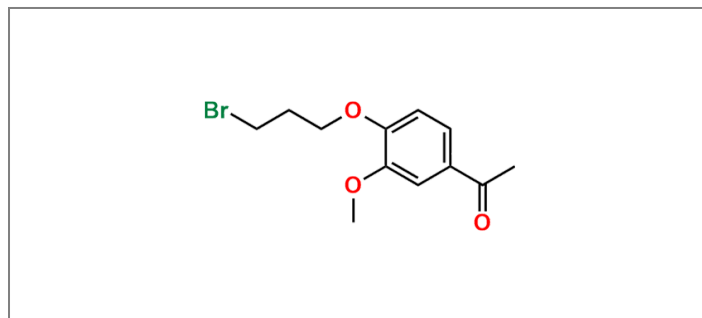
Molecular Formula : C<sub>12</sub>H<sub>15</sub>BrO<sub>3</sub>

Molecular Weight : 287.1

Batch Number : CP-IIO-20-0425

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	94.18 %
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.721 %
8)	Potency by TGA	93.50 %



**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.