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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Iloperidone Impurity 34**

### Identification:

Chemical Name: 1-(4-(3-(4-(2,4-difluoro benzoyl)piperidin-1-yl) propoxy)-3- methoxy phenyl) ethanone

Synonyms : NA

CAS Number : NA

CAT Number : CP-I38040

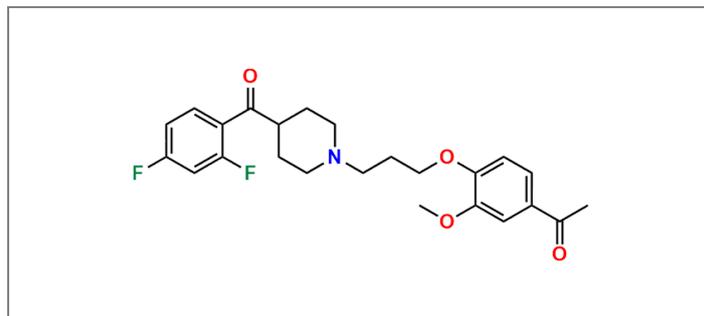
Molecular Formula : C<sub>24</sub>H<sub>27</sub>F<sub>2</sub>NO<sub>4</sub>

Molecular Weight : 431.48

Batch Number : CP-ILO-34-0525

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	Pale Yellow to Light Brown Sticky Liquid
2)	Solubility	Soluble in Methanol /DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	90.25%
5)	<sup>1</sup> HNMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



**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.