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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

Re-test Date: Feb 2029

Product Name: Aripiprazole EP Impurity F

Identification:

Chemical Name: 4-(2,3-Dichlorophenyl)-1-[4-[(2-oxo-1,2,3,4-tetrahydroquinolin-7-yl)oxy]butyl]piperazine 1-oxide (as per EP)

Synonyms : Aripiprazole N1-Oxide ,
Aripiprazole USP Related
Compound F

CAS Number : 573691-09-5

CAT Number : CP-A22006

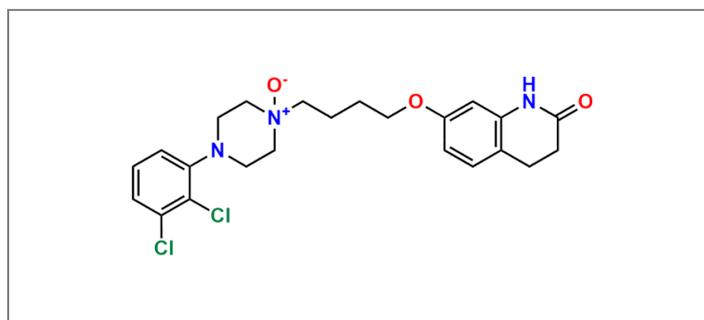
Molecular Formula : C₂₃H₂₇Cl₂N₃O₃

Molecular Weight : 464.38

Batch Number : CP-ARI-F-0226

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	98.62%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure



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.