

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Aripiprazole EP Impurity E

Identification:

Chemical Name: 7-[4-[4-(2,3-Dichlorophenyl)piperazin-1-yl]butoxy]quinolin-2(1H)-one (as per EP)

Synonyms : Aripiprazole USP related compound G ; Dehydro Aripiprazole Impurity

CAS Number : 129722-25-4

CAT Number : CP-A22005

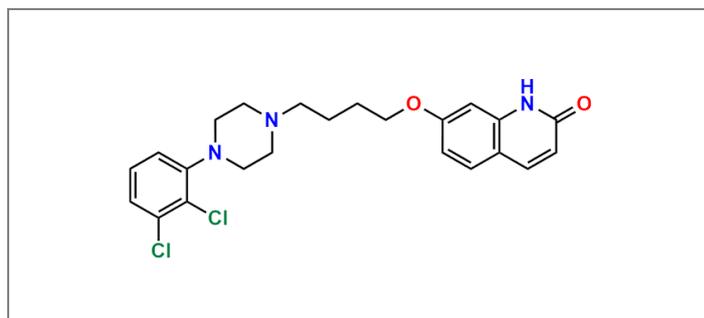
Molecular Formula : C₂₃H₂₅Cl₂N₃O₂

Molecular Weight : 446.4

Batch Number : CP-ARP-E-0225

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 | 98.26% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | Weight loss by TGA | - |
| 7) | Potency by TGA | - |



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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