

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: Apr 2024

Re-test Date: Mar 2027

Product Name: Aripiprazole EP Impurity G

Identification:

Chemical Name: 7,7'-[Ethylidenebis(2,3-dichloro-1,4-phenylene)bis(1,4-piperazinediyl)bis(tetramethyleneoxy)]bis(1,2,3,4-tetrahydroquinoline-2-one)

Synonyms : Aripiprazole
Dimer ;
Aripiprazole 4
4'-dimer

CAS
Number : 1797986-18-5

CAT
Number : CP-A22007

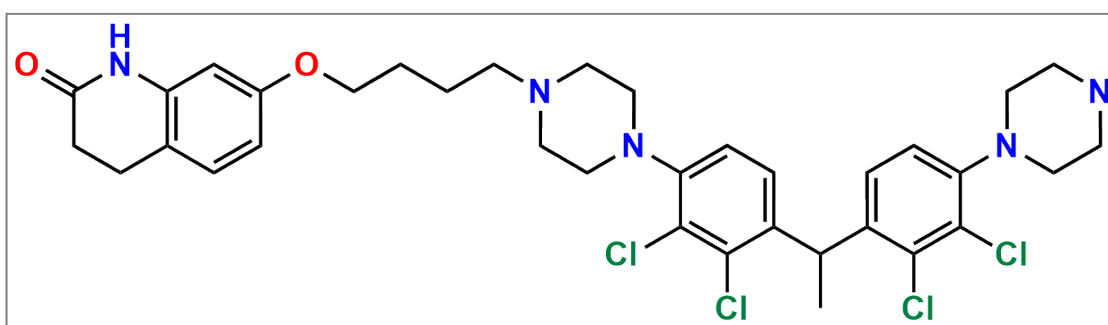
Molecular
Formula : C₄₈H₅₆Cl₄N₆O₄

Molecular
Weight : 922.81

Batch
Number : CP-ARI-G-0424

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	98.33%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.32%
8)	Potency by TGA	97.03%



Prepared and Reviewed By

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare
(QA Head)

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