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### CERTIFICATE OF ANALYSIS

Analysis Date:

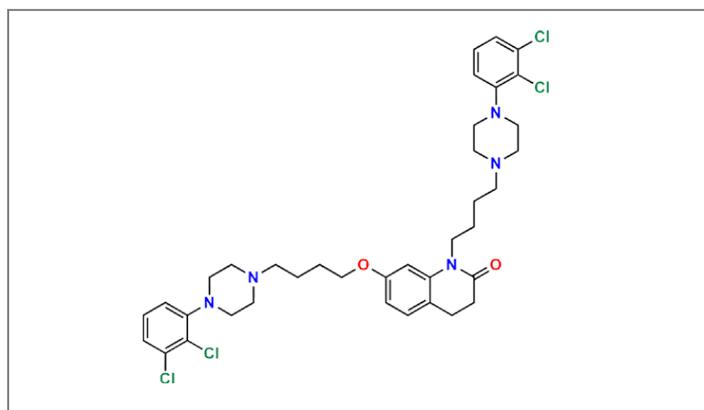
Re-test Date:

**Product Name: Aripiprazole Impurity 54**

#### Identification:

Chemical Name: 7-(4-(4-(2,3-Dichlorophenyl)piperazin-1-yl)butoxy)-1-(4-(4-(2,3-dichlorophenyl)piperazin-1-yl)butyl)-3,4-dihydroquinolin-2(1H)-one

Synonyms : NA  
CAS Number : 1352492-04-6  
CAT Number : CP-A22074  
Molecular Formula : C37H45Cl4N5O2  
Molecular Weight : 733.6



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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