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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

Re-test Date: Jun 2027

Product Name: Aripiprazole Bromobutoxyquinoline Impurity

Identification:

Chemical Name: 7-(4-Bromobutoxy)-3,4-dihydroquinolin-2-one

Synonyms : NA

CAS Number : 129722-34-5

CAT Number : CP-A22009

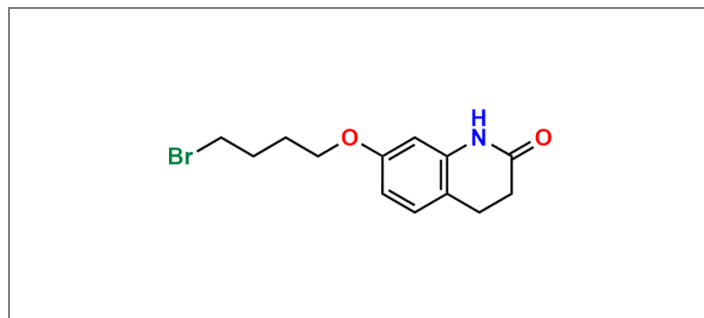
Molecular Formula : C₁₃H₁₆BrNO₂

Molecular Weight : 298.18

Batch Number : CP-ARI-BBQ-0724

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 Spectrometry	Confirm to structure
4)	Purity By HPLC	99.95%
5)	¹ H NMR	Confirm to structure
6)	FT-IR	Confirm to Structure
7)	Weight loss by TGA	0.014%
8)	Potency	99.93%



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.