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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

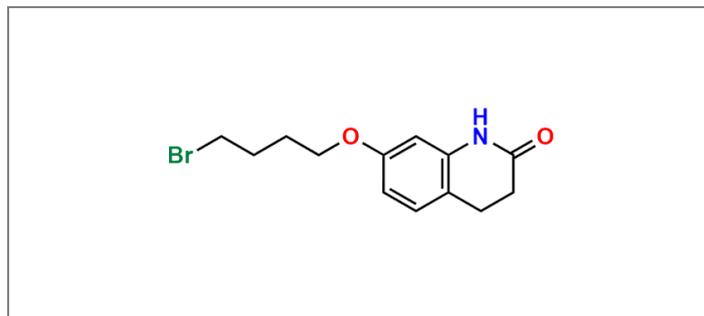
Molecular Formula : C<sub>13</sub>H<sub>16</sub>BrNO<sub>2</sub>

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 By LCMS	Confirm to structure
4)	Purity By HPLC	99.95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.014%
7)	Potency by TGA	99.93%



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.