

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015017-01)

Release Date: 05/02/2025

Re-test Date: 04/02/2028

Aripiprazole Impurity A

Identification

Chemical Name :

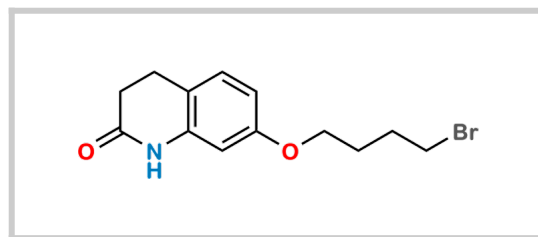
7-(4-Bromobutoxy)-3,4-dihydroquinolin-2-one,

CAT No. : KMA015017

CAS No. : 129722-34-5

Molecular Formula : C₁₃H₁₆BrNO₂

Molecular Weight : 298.2



Analytical Information

Batch No. : ARI-BR-BUT-030-131

Description : Off White Solid

HPLC Purity : 99.04 %

Weight Loss By TGA : 0.11 %

% Potency : 98.93 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.11(Weight Loss By TGA)] x [99.04(HPLC Purity)]/100 = 98.93 %

-Re-tested on 05.02.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		16/07/2025

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA