CERTIFICATE OF ANALYSIS

(Certificate No. KMA015008-01)

Release Date: 11/09/2024 **Re-test Date:** 10/09/2027

Aripiprazole BP Impurity 1

Identification

Chemical Name :
7-(4-Chlorobutoxy)-3,4-dihydro-2(1H)-quinolinone

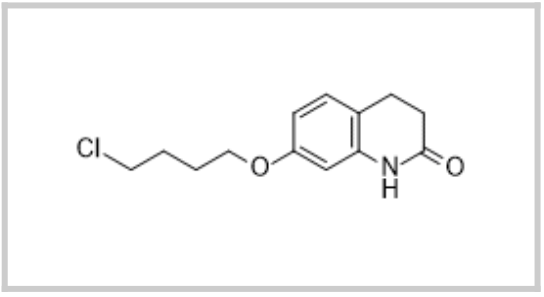
Alt. Name : Chlorobutoxyquinolinone

CAT No. : KMA015008

CAS No. : 120004-79-7

Molecular Formula : C13H16ClNO2

Molecular Weight : 253.7



Analytical Information

Batch No.	: BRX-DH-KSM-I-030-132	**Solubility**	: Acetonitrile
Description	: Off White solid	**Mass**	: Confirm
HPLC Purity	: 96.17 %	**IR**	: Confirm
Weight Loss By TGA	: 0.52 %	**1H NMR**	: Confirm
% Potency	: 95.67 %		

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 - 0.52(Weight Loss By TGA)] x [96.17(HPLC Purity)]/100 = 95.67 %
-Re-tested on 11.09.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/05/2026

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