CERTIFICATE OF ANALYSIS

(Certificate No. KMA015001-01)

Release Date: 11/04/2024 **Re-test Date:** 10/04/2027

Aripiprazole Diether Impurity

Identification

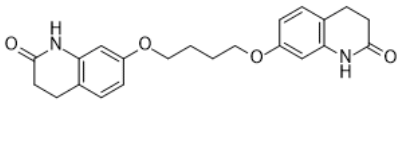
Chemical Name :
7,7'-(butane-1,4-diylbis(oxy))bis(3,4-dihydroquinolin-2(1H)-one)

CAT No. : KMA015001

CAS No. : 882880-12-8

Molecular Formula : C22H24N2O4

Molecular Weight : 380.44



Analytical Information

Batch No.	: ARI-DIQ-073-163	**Solubility**	: DMSO
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 93.65 %	**IR**	: Confirm
Weight Loss By TGA	: 0.31 %	**1H NMR**	: Confirm
% Potency	: 93.36 %		

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 - 0.31(Weight Loss By TGA)] x [93.65(HPLC Purity)]/100 = 93.36 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/04/2024

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