

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015001-01)

Release Date: 11/04/2024

Re-test Date: 10/04/2027

Aripiprazole Diether Impurity

Identification

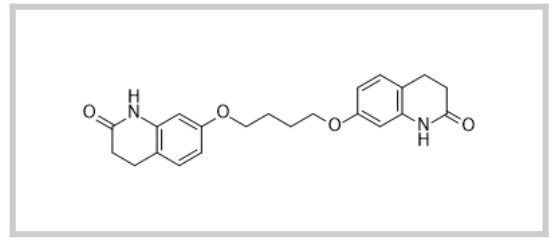
Chemical Name :
7,7'-(butane-1,4-diylbis(oxy))bis(3,4-dihydroquinolin-2(1H)-one)

CAT No. : KMA015001

CAS No. : 882880-12-8

Molecular Formula : C₂₂H₂₄N₂O₄

Molecular Weight : 380.44



Analytical Information

Batch No. : ARI-DIQ-073-163

Description : Off White Solid

HPLC Purity : 93.65 %

Weight Loss By TGA : 0.31 %

% Potency : 93.36 %

Solubility : DMSO

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 - 0.31(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