# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMA015001-01)

Re-test Date: 10/04/2027

**Release Date:** 11/04/2024

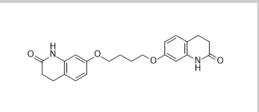
# Aripiprazole Diether Impurity

### **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	0.
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			
<b>% Potency =</b> [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