

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA015001-01)

Release Date: 11/04/2024

Re-test Date: 10/04/2027

## Aripiprazole Diether Impurity

### Identification

**Chemical Name :**

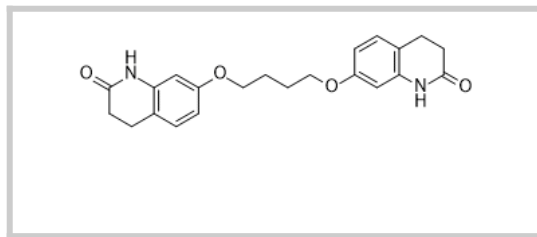
7,7'-(butane-1,4-diylbis(oxy))bis(3,4-dihydroquinolin-2(1H)-one)

CAT No. : KMA015001

CAS No. : 882880-12-8

Molecular Formula : C<sub>22</sub>H<sub>24</sub>N<sub>2</sub>O<sub>4</sub>

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 : 93.34 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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

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, <sup>1</sup>HNMR, IR and TGA