

CERTIFICATE OF ANALYSIS

(Certificate No. KMA015024-01)

Release Date: 22/09/2025

Re-test Date: 21/09/2028

Aripiprazole EP Impurity A

Identification

Chemical Name :

7-hydroxy-3,4-dihydroquinolin-2(1H)-one

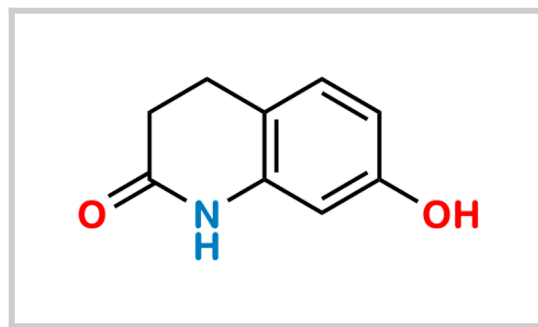
Alt. Name : Aripiprazole Dihydroquinolinone
Impurity

CAT No. : KMA015024

CAS No. : 22246-18-0

Molecular Formula : C₉H₉NO₂

Molecular Weight : 163.2



Analytical Information

Batch No. : ARI-7HQ-030-282

Description : Off White Solid

HPLC Purity : 99.84 %

Weight Loss By TGA : 0.51 %

% Potency : 99.33 %

Solubility : Acetonitrile

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 - 0.51(Weight Loss By TGA)] x [99.84(HPLC Purity)]/100 = 99.33 %
-Re-tested on 22.09.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/10/2025
Reviewed & Approved By	Quality Control	Jatin Patel		09/10/2025

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