

CERTIFICATE OF ANALYSIS

(Certificate No. KMB001001-01)

Release Date: 10/07/2024

Re-test Date: 09/07/2027

Brexiprazole Impurity 9

Identification

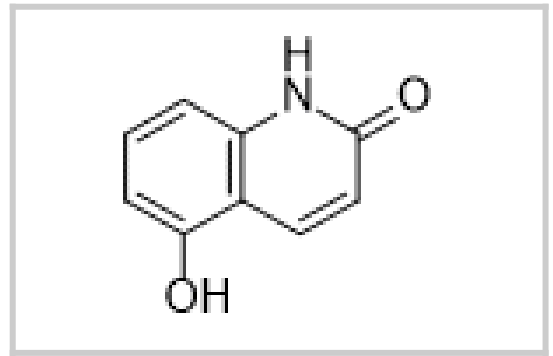
Chemical Name :
5-hydroxyquinolin-2(1H)-one

CAT No. : KMB001001

CAS No. : 31570-97-5

Molecular Formula : C₉H₇NO₂

Molecular Weight : 161.16



Analytical Information

Batch No. : BRX-IMP-9-073-285

Description : Light Brown Solid

HPLC Purity : 97.26 %

Weight Loss By TGA : 0.87 %

% Potency : 96.41 %

Solubility : Methanol

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 = $[100 - 0.87(\text{Weight Loss By TGA})] \times [97.26(\text{HPLC Purity})]/100 = 96.41 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		16/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		16/07/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA