CERTIFICATE OF ANALYSIS

(Certificate No. KMB001001-01)

Release Date: 10/07/2024 **Re-test Date:** 09/07/2027

Brexpiprazole Impurity 9

Identification

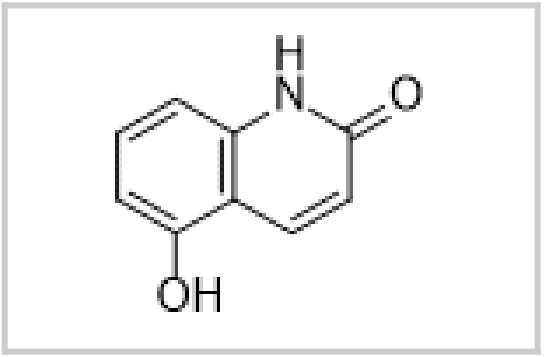
Chemical Name :
5-hydroxyquinolin-2(1H)-one

CAT No. : KMB001001

CAS No. : 31570-97-5

Molecular Formula : C9H7NO2

Molecular Weight : 161.16



Analytical Information

Batch No.	: BRX-IMP-9-073-285	**Solubility**	: Methanol
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 97.26 %	**IR**	: Confirm
Weight Loss By TGA	: 0.87 %	**1H NMR**	: Confirm
% Potency	: 96.41 %		

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(Weight Loss By TGA)] x [97.26(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, 1HNMR, IR and TGA