

CERTIFICATE OF ANALYSIS

(Certificate No. KMC011001-01)

Release Date: 18/03/2024

Re-test Date: 17/03/2027

Clidinium Bromide Related Compound A

Identification

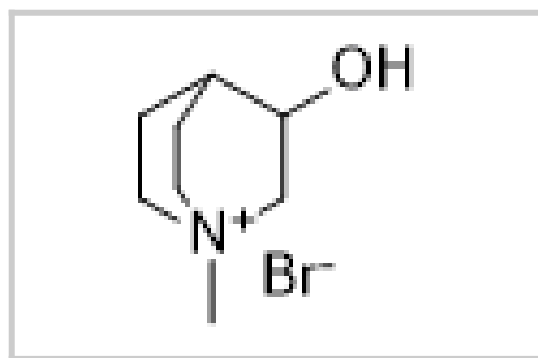
Chemical Name :
3-hydroxy-1-methylquinuclidin-1-ium bromide

CAT No. : KMC011001

CAS No. : 2096336-00-2

Molecular Formula : C₈H₁₆NO : Br

Molecular Weight : 142.22 : 79.90



Analytical Information

Batch No. : CLI-RCA-073-124

Solubility : Methanol

Description : White Solid

Mass : Confirm

HPLC Purity : 94.71 %

IR : Confirm

Weight Loss By TGA : 0.21 %

¹H NMR : Confirm

% Potency : 94.51 %

¹³C 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 - 0.21(Weight Loss By TGA)] x [94.71(HPLC Purity)]/100 = 94.51 %
-¹³C NMR added on 25.07.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/07/2024

Attachments : COA, Q-NMR, MASS, ¹HNMR, ¹³CNMR IR and TGA