

CERTIFICATE OF ANALYSIS

(Certificate No. KMC011002-03)

Release Date: 13/11/2024

Re-test Date: 13/11/2027

Clidinium Bromide

Identification

Chemical Name :

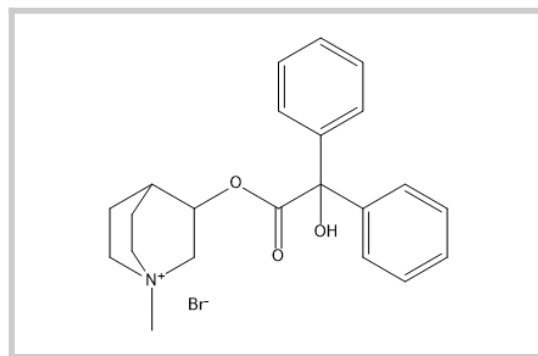
3-(2-hydroxy-2,2-diphenylacetoxy)-1-methylquinuclidin-1-ium bromide

CAT No. : KMC011002

CAS No. : 3485-62-9

Molecular Formula : C₂₂H₂₆NO₃ : Br

Molecular Weight : 352.45 : 79.1



Analytical Information

Batch No. : AH/CLIB/0924/002

Description : Off White Solid

HPLC Purity : 99.91 %

Weight Loss By TGA : 0.16 %

% Potency : 99.75 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 0.16(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.75 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA