

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC192008-01)

Release Date: 23/05/2026

Re-test Date: 22/05/2029

## Methoxy Clidinium Impurity

### Identification

**Chemical Name :**

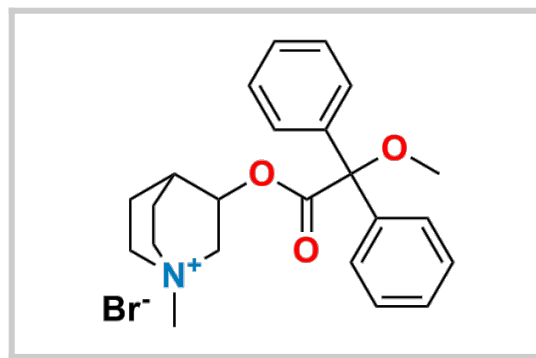
3-(2-Methoxy-2,2-diphenylacetoxy)-1-methylquinuclidin-1-ium bromide

CAT No. : KMC192008

CAS No. : Not Available

Molecular Formula : C<sub>23</sub>H<sub>28</sub>NO<sub>3</sub> : Br

Molecular Weight : 366.5 : 79.9



### Analytical Information

Batch No. : C192008-114-350

Description : Off White Solid

HPLC Purity : 99.22 %

Weight Loss By TGA : 1.22 %

% Potency : 98.01 %

Solubility : ACN

Mass : Confirm

IR : Confirm

<sup>1</sup>H 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 - 1.22(Weight Loss By TGA)] x [99.22(HPLC Purity)]/100 = 98.01 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/05/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/05/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA