

# CERTIFICATE OF ANALYSIS

(Certificate No. KMA035001-01)

Release Date: 27/07/2024

Re-test Date: 26/07/2027

## N-Nitroso Atropine EP Impurity B

### Identification

**Chemical Name :**

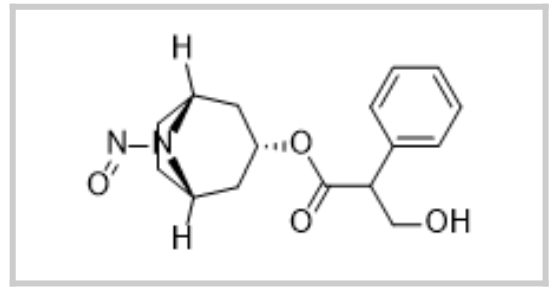
(1R,3r,5S)-8-nitroso-8-azabicyclo[3.2.1]octan-3-yl 3-hydroxy-2-phenylpropanoate

CAT No. : KMA035001

CAS No. : 55855-45-3

Molecular Formula : C<sub>16</sub>H<sub>20</sub>N<sub>2</sub>O<sub>4</sub>

Molecular Weight : 304.34



### Analytical Information

Batch No. : ATR-EPB-NO-073-306

Solubility : ACN

Description : Light Yellow Thick Syrup

Mass : Confirm

HPLC Purity : 95.06 %

IR : Confirm

Weight Loss By TGA : 1.67 %

<sup>1</sup>H NMR : Confirm

% Potency : 93.47 %

<sup>13</sup>C 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 - 1.67(Weight Loss By TGA)] x [95.06(HPLC Purity)]/100 = 93.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		27/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		27/07/2024

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA