

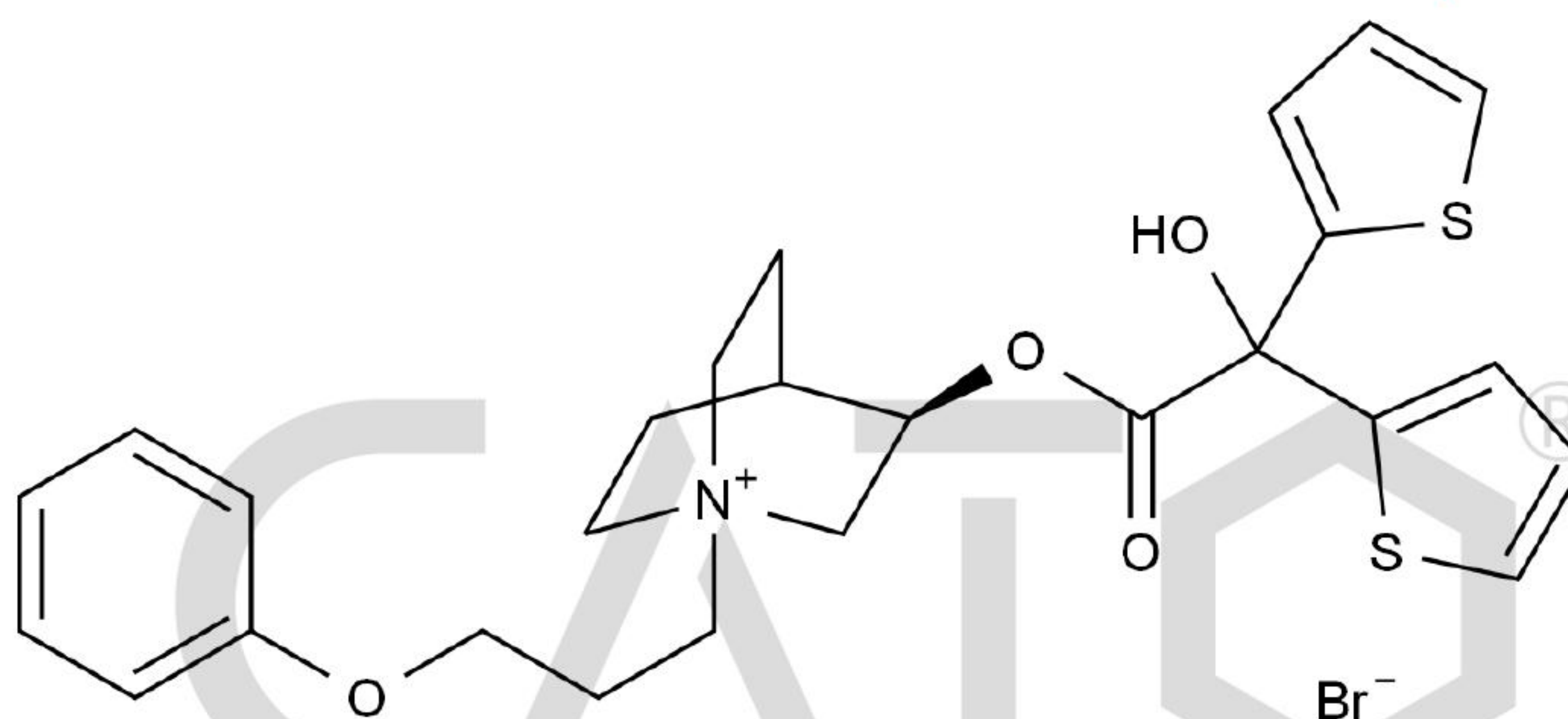
Certificate of Analysis

Reference Material & Standard

Product Name:	Acridinium Bromide	Catalogue Number:	C4X-1325
Synonyms:	N/A	Lot Number:	1206-RF-0070
CAS Number:	320345-99-1	Expiry Date:	Dec 15, 2027
Molecular Formula:	C ₂₆ H ₃₀ NO ₄ S ₂ Br	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	484.65 79.90	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.506%
Residue on Ignition	TGA	0.5464%
Loss On Drying	TGA	0.0010%
Assay		98.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 16, 2024

Date: Dec 16, 2024

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