

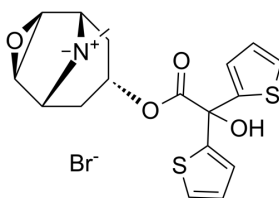
Tiotropium (Bromide)

Cat. No.:	HY-17360
CAS No.:	136310-93-5
Batch No.:	41730
Chemical Name:	3-Oxa-9-azoniatricyclo[3.3.1.0 ^{2,4}]nonane, 7-[(2-hydroxy-2,2-di-2-thienylacetyl)oxy]-9,9-dimethyl-, bromide (1:1), (1 α ,2 β ,4 β ,5 α ,7 β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₉ H ₂₂ BrNO ₄ S ₂
Molecular Weight:	472.42
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	99.61%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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