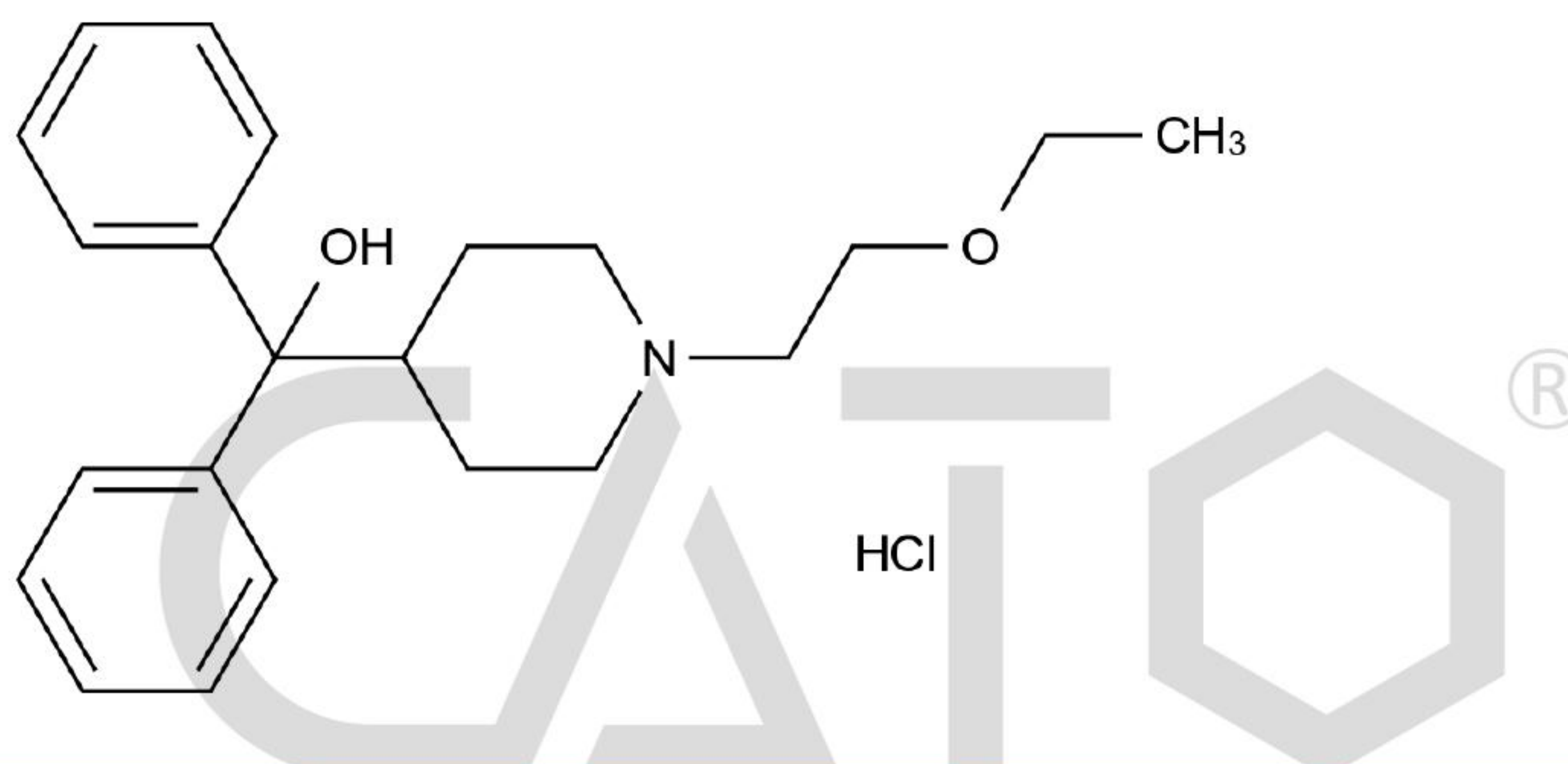


Certificate of Analysis

Reference Material & Standard

Product Name:	Umeclidinium impurity 27	Catalogue Number:	C4X-133927
Synonyms:	N/A	Lot Number:	0303-RH-0063
CAS Number:	N/A	Expiry Date:	Mar 09, 2030
Molecular Formula:	C ₂₂ H ₂₉ NO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	339.47 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	97.7%
Assay	qNMR	93.0%

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 10, 2026

Date: Mar 10, 2026

Date: Mar 10, 2026



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