

Certificate of Analysis

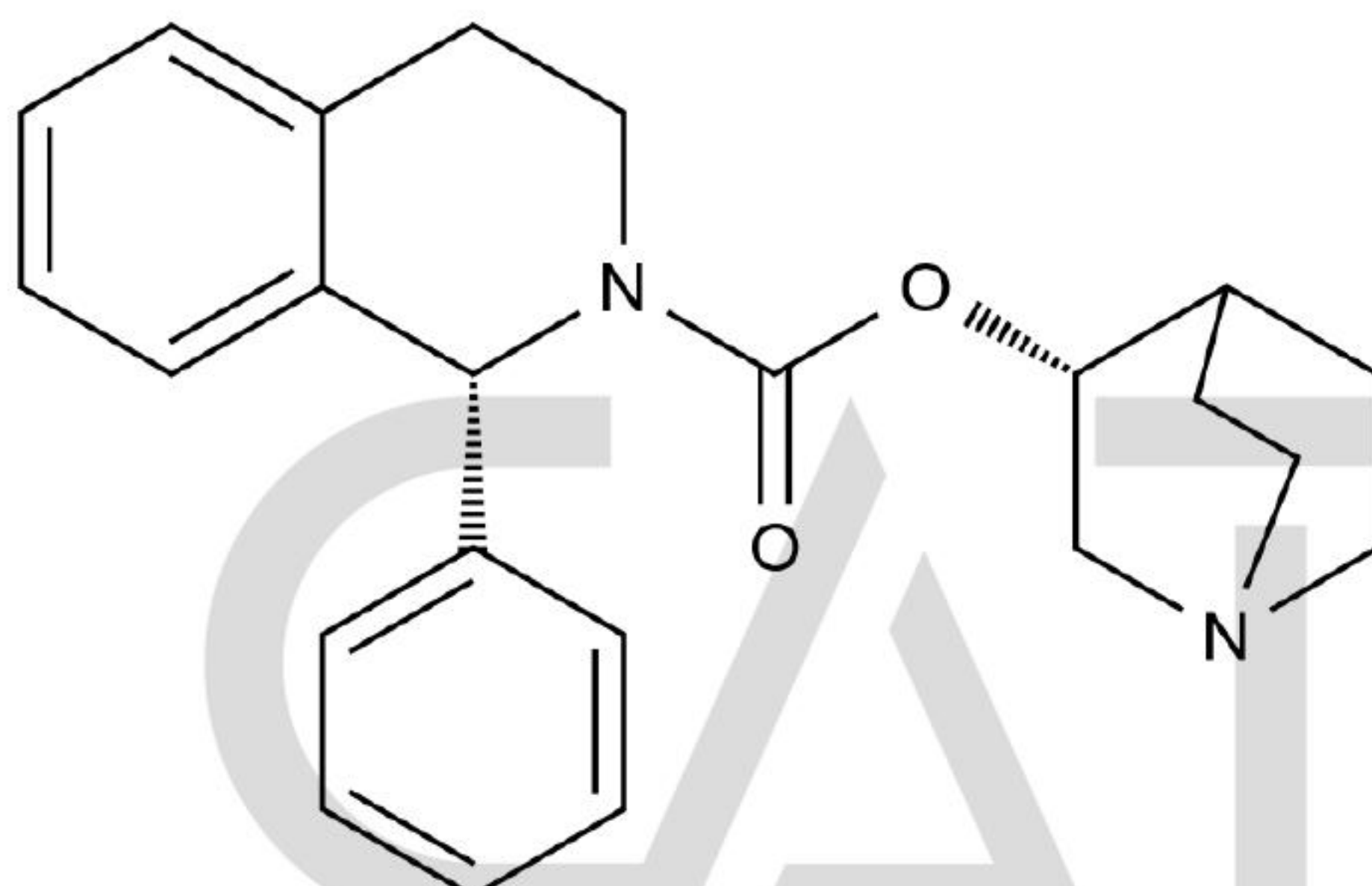
Reference Material & Standard

Product Name:	Solifenacin EP impurity G	Catalogue Number:	C4X-10535
Synonyms:	N/A	Lot Number:	1205-RG-0028
CAS Number:	740780-79-4	Expiry Date:	May 11, 2029
Molecular Formula:	C ₂₃ H ₂₆ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	362.46	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.287%
Water Content	Karl Fischer	0.56%
Residual Solvents	NMR	0.72% acetonitrile
Assay		98.0%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Dec 15, 2025

Date: Dec 16, 2025

Date: Dec 16, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

