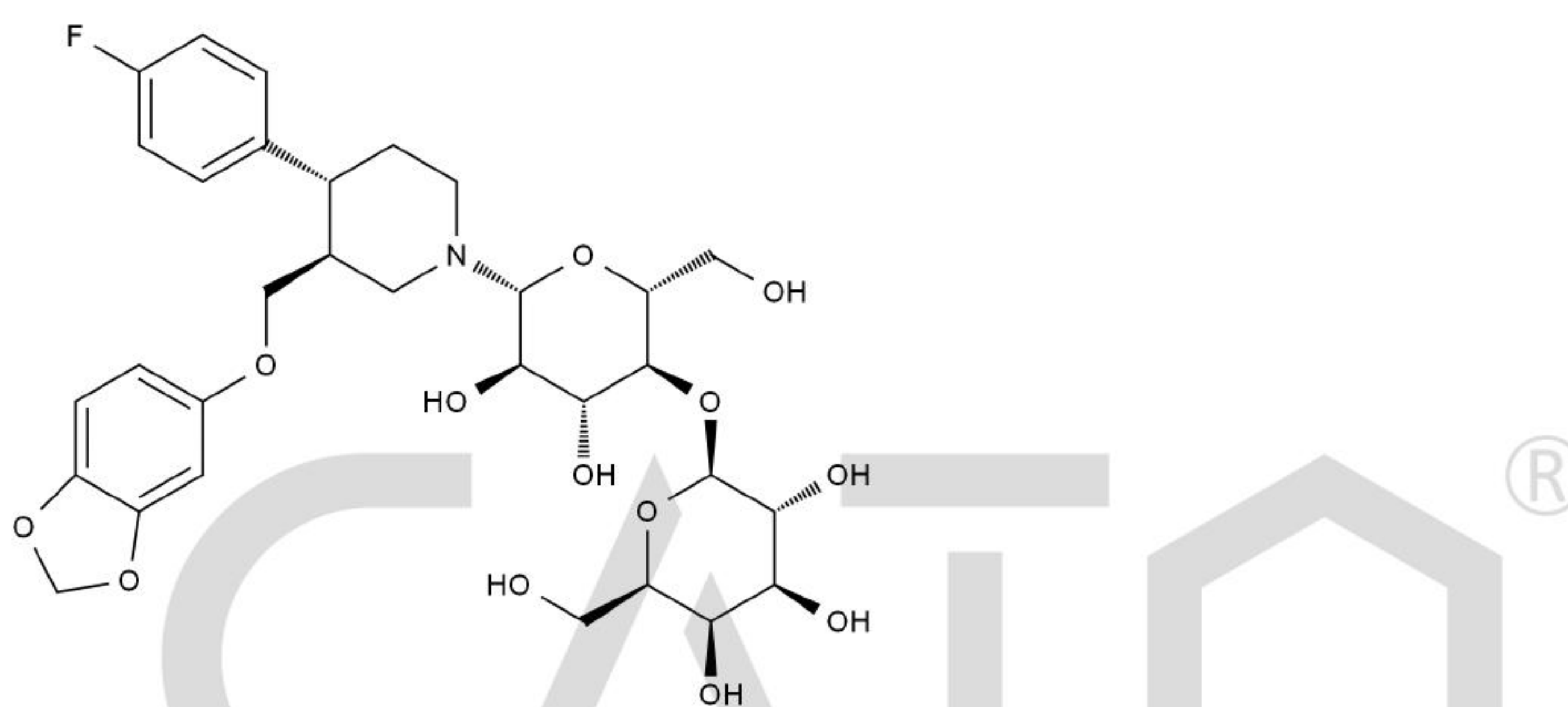


Certificate of Analysis

Reference Material & Standard

Product Name:	Paroxetine N-Lactoside	Catalogue Number:	C4X-103545
Synonyms:	N/A	Lot Number:	0618-RG-0012
CAS Number:	N/A	Expiry Date:	Nov 29, 2026
Molecular Formula:	C ₃₁ H ₄₀ FNO ₁₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	653.65		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.1515%
Water Content	Karl Fischer	1.00%
Residual Solvents	NMR	0.4% methanol and 0.3% acetonitrile
Optical Rotation		[α] _D ^{25.0} (c=0.55,DMSO): -29.2°
Assay		96.5%

Comment:

- The compound contains 1.3% Paroxetine(RT 8.06)according to HPLC.
- The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jun 19, 2025

Date: Jun 20, 2025

Date: Jun 20, 2025

