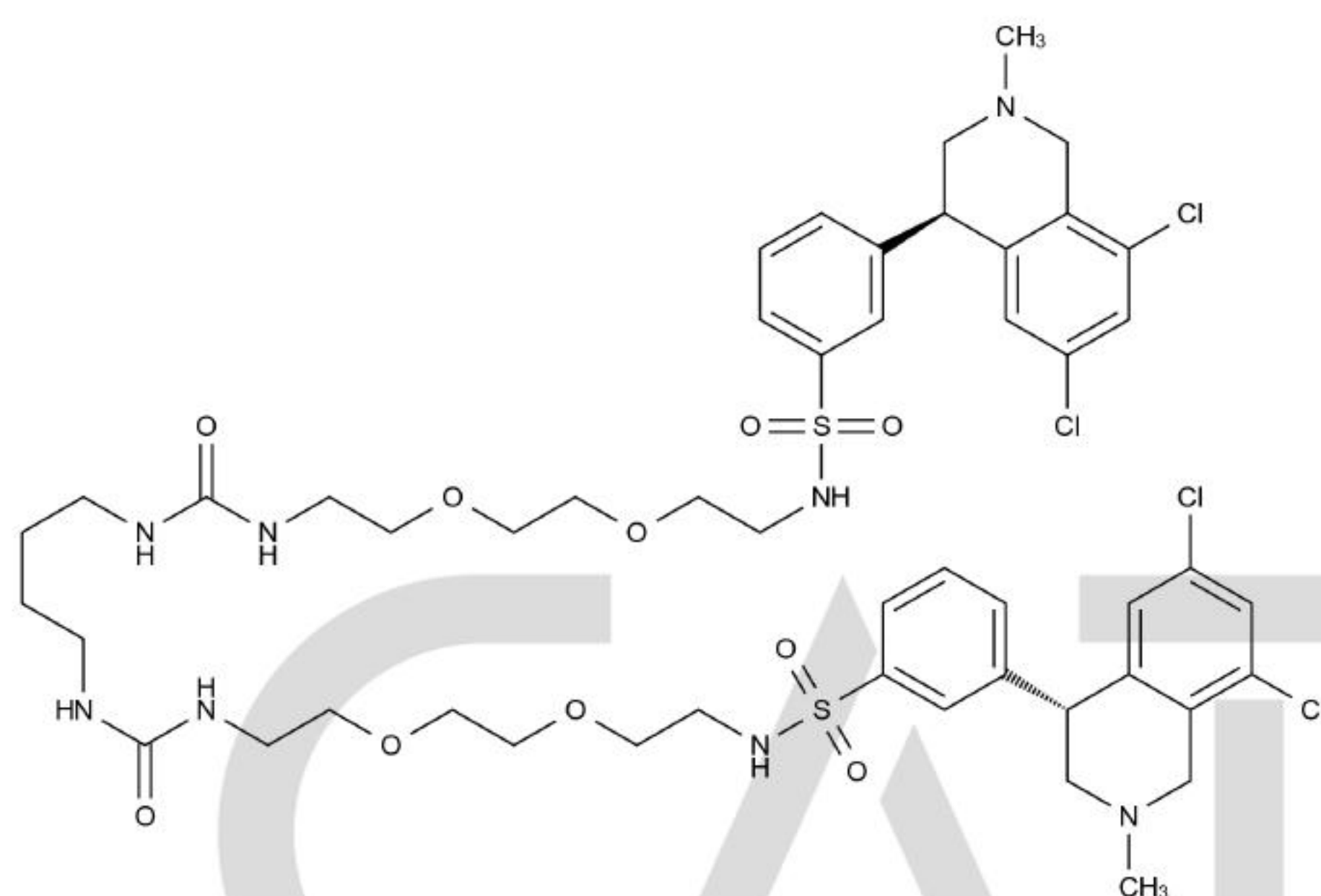


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenapanor impurity 1	Catalogue Number:	C4X-32331
Synonyms:	N/A	Lot Number:	0731-RG-0091
CAS Number:	1631730-06-7	Expiry Date:	May 28, 2029
Molecular Formula:	C50H66Cl4N8O10S2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1145.05		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.510%
Water Content	Karl Fischer	0.63%
Residual Solvents	NMR	0.13% methanol
Assay		97.8%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * 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: Aug 01, 2025

Date: Aug 01, 2025

Date: Aug 01, 2025

