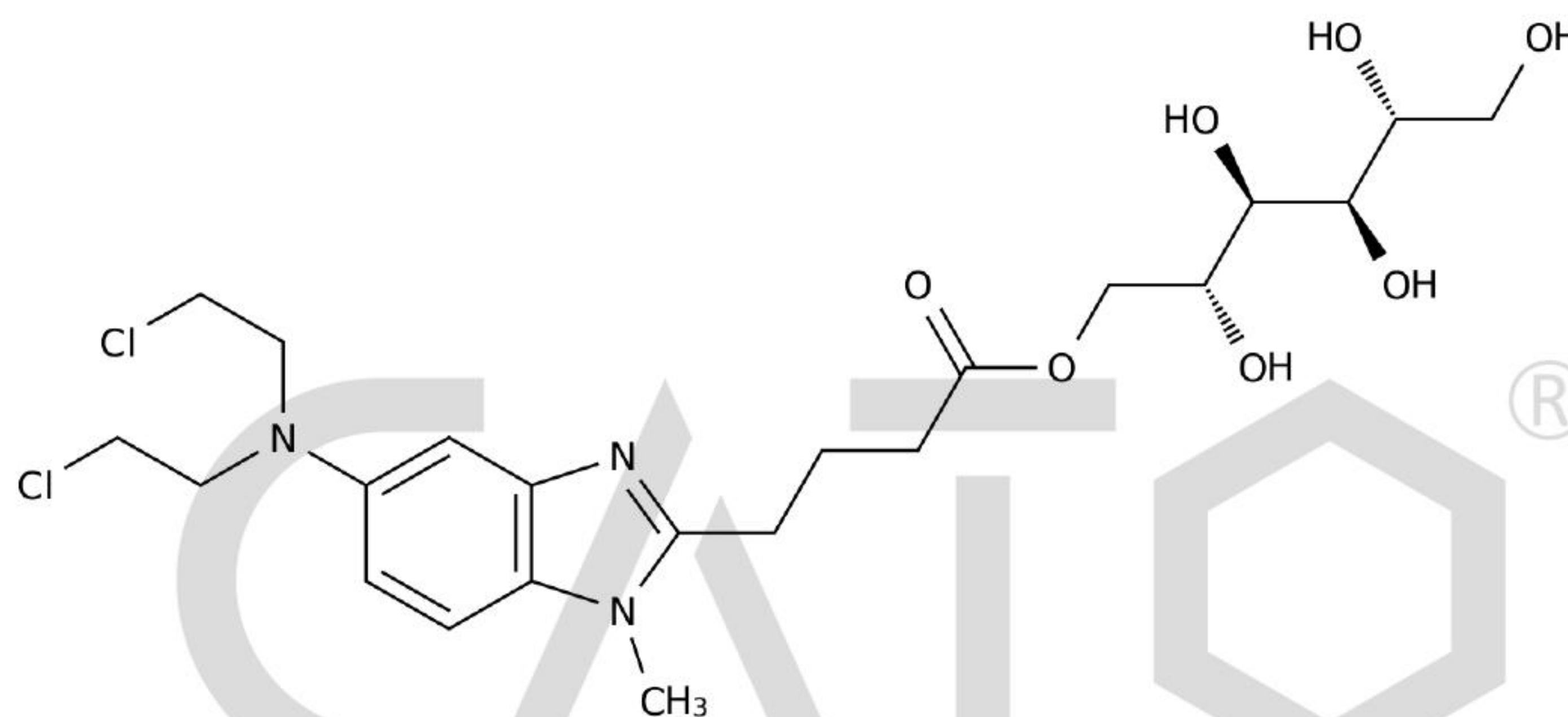


Certificate of Analysis

Reference Material & Standard

Product Name:	Bendamustine Impurity 22	Catalogue Number:	C4X-127122
Synonyms:	N/A	Lot Number:	1128-RG-0075
CAS Number:	1869075-89-7	Expiry Date:	Dec 02, 2029
Molecular Formula:	C ₂₂ H ₃₃ Cl ₂ N ₃ O ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	522.42	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.346%
Loss On Drying	TGA	0.1226%
Assay		97.2%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Yuki

Reviewed by:

Ko

Approved by General Manager:

David

Date: Dec 03, 2025

Date: Dec 03, 2025

Date: Dec 03, 2025

