

Certificate of Analysis

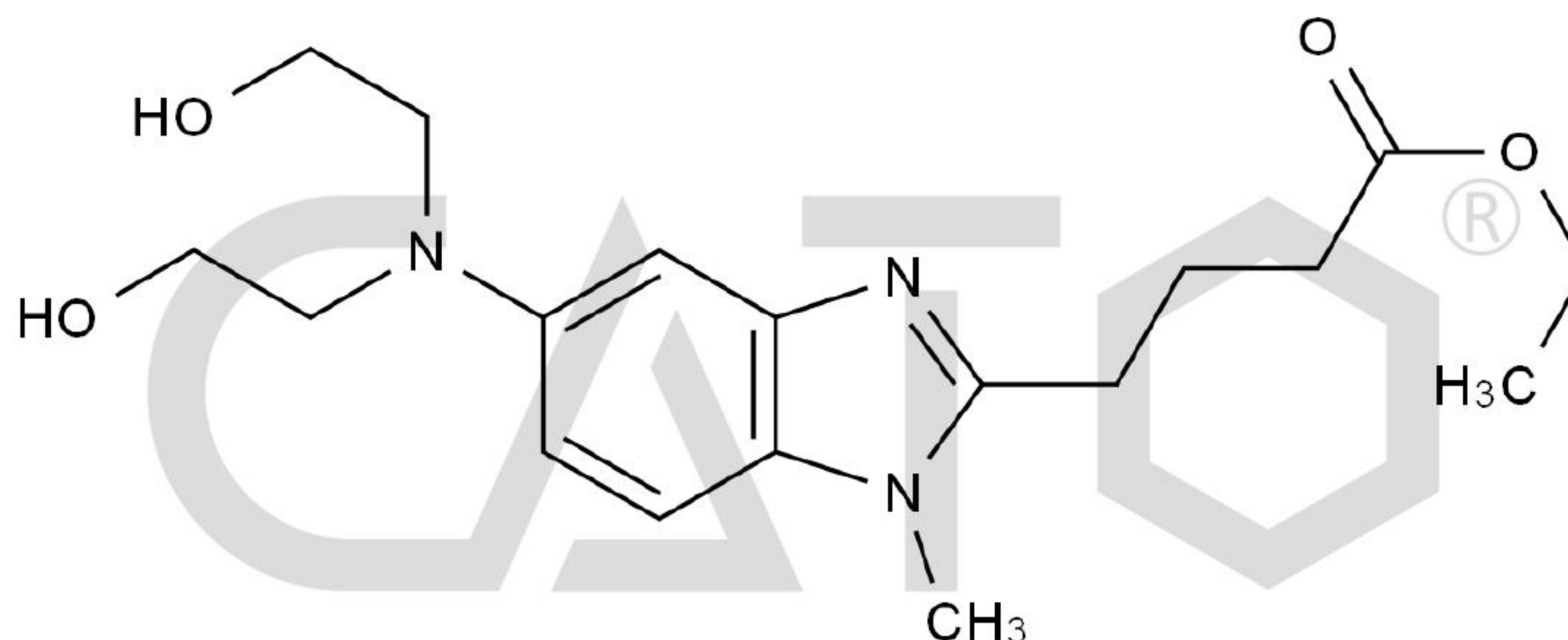
Reference Material & Standard

Product Name:	Bendamustine USP Related Compound C	Catalogue Number:	C4X-12713
Synonyms:	N/A	Lot Number:	0312-RG-0080
CAS Number:	3543-74-6	Expiry Date:	Mar 13, 2028
Molecular Formula:	C ₁₈ H ₂₇ N ₃ O ₄	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	349.42		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.520%
Loss on Drying	TGA	0.1495%
Assay		98.4%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 14, 2025

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