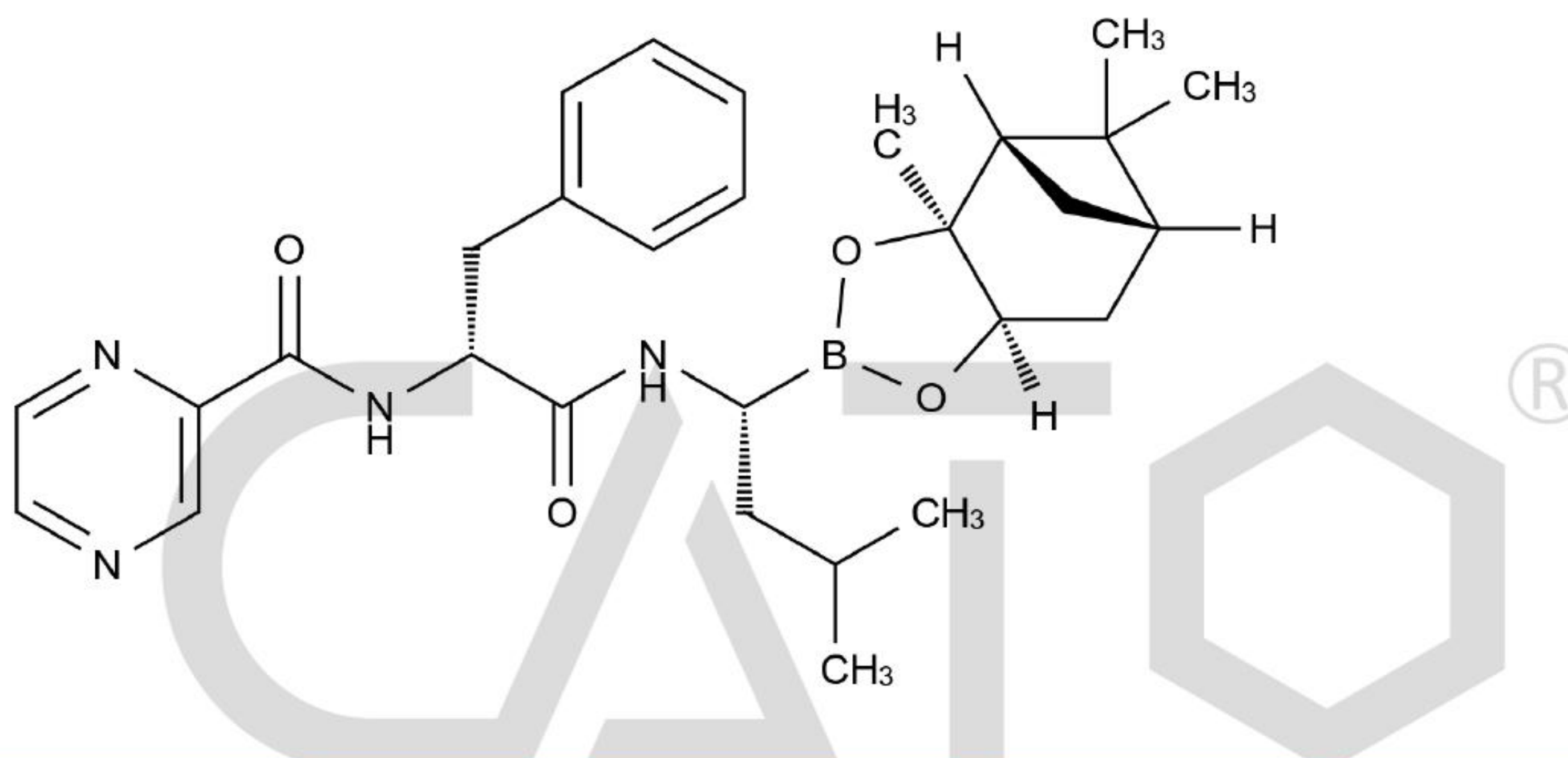


Certificate of Analysis

Reference Material & Standard

Product Name:	Bortezomib Impurity 55	Catalogue Number:	C4X-107255
Synonyms:	N/A	Lot Number:	0508-RH-0089
CAS Number:	1375004-39-9	Expiry Date:	Jul 12, 2028
Molecular Formula:	C ₂₉ H ₃₉ BN ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	518.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.282%
Water Content	Karl Fischer	1.39%
Residual Solvents	NMR	Not detected in NMR
Assay		97.9%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: May 11, 2026

Date: May 11, 2026

Date: May 11, 2026



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