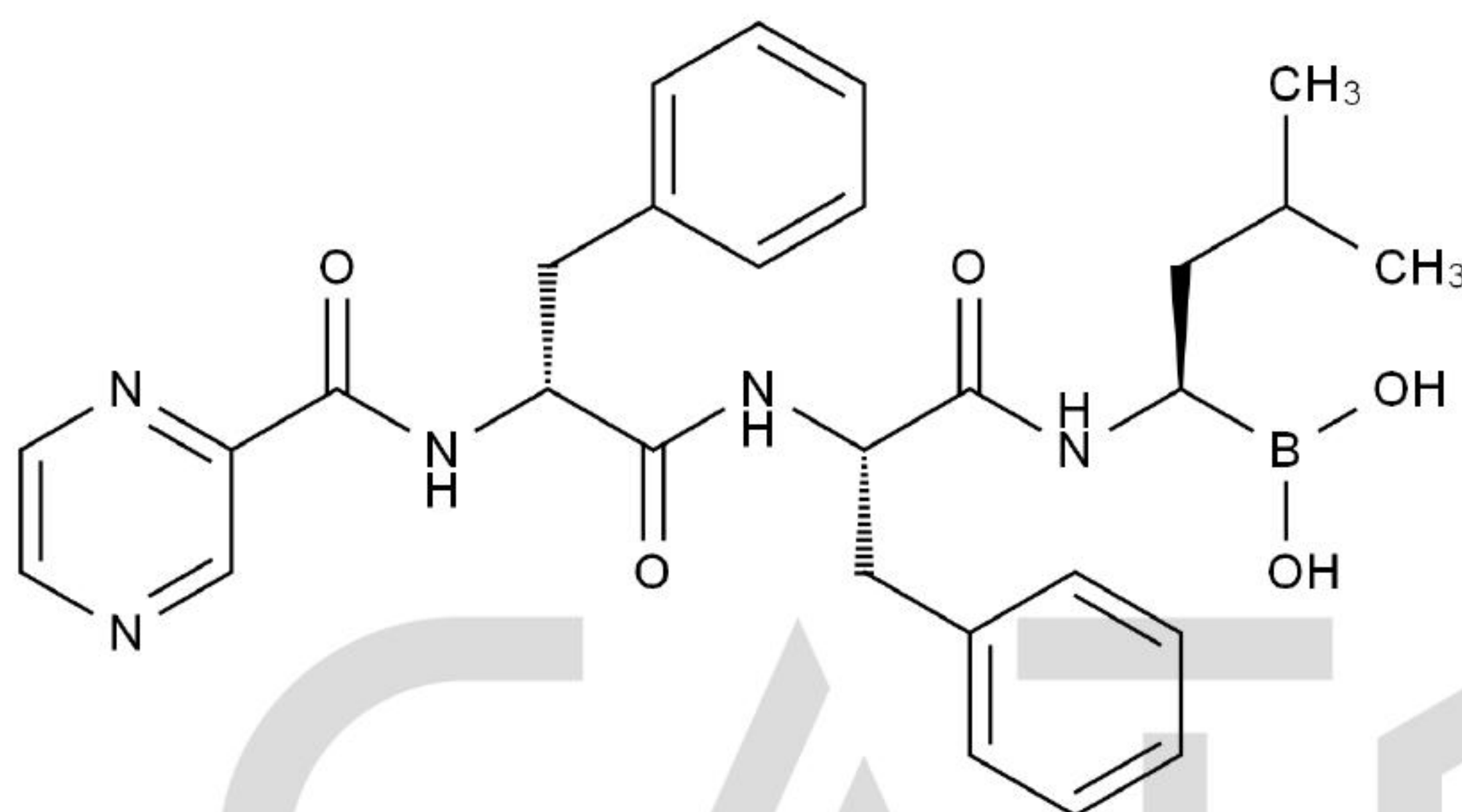


Certificate of Analysis

Reference Material

Product Name:	Bortezomib Impurity 18	Catalogue Number:	C4X-107218
Chemical Name:	N/A	Lot Number:	0609-RE-0039
CAS Number:	N/A	Expiry Date:	Jun 12, 2026
Molecular Formula:	C ₂₈ H ₃₄ BN ₅ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	531.41		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.050%
Loss On Drying	TGA	1.6263%
Assay		97.4%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Hin Lam

Reviewed by:

Debia

Aproved by General manager:

David

Date: Jun 13, 2023

Date: Jun 17, 2023

Date: Jun 17, 2023

