

Certificate of Analysis

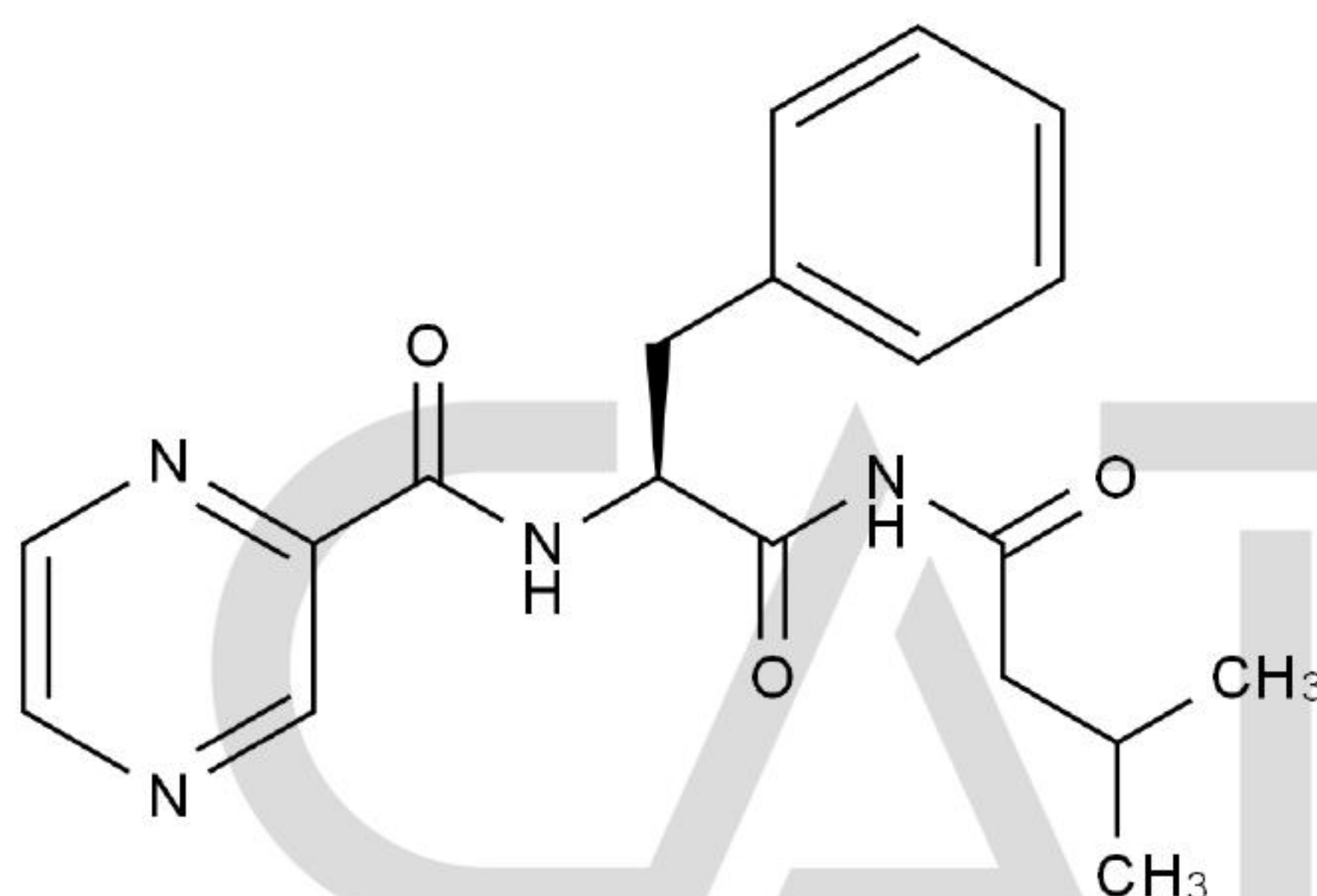
Reference Material & Standard

Product Name:	Bortezomib Impurity 20	Catalogue Number:	C4X-107220
Synonyms:	N/A	Lot Number:	0318-RF-0106
CAS Number:	862894-96-0	Expiry Date:	Mar 17, 2027
Molecular Formula:	C ₁₉ H ₂₂ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	354.40	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.325%
Loss On Drying	TGA	0.0746%
Assay		99.3%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jan 05, 2026

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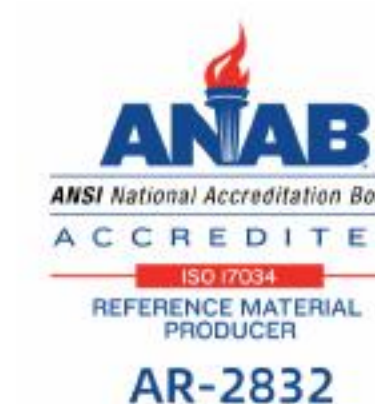
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