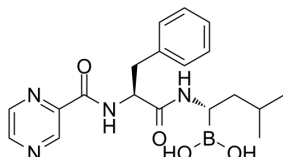


Certificate of Analysis

Product Name:	(1S,2S)-Bortezomib
Cat. No.:	CS-0112392
CAS No.:	1132709-14-8
Batch No.:	112865
Chemical Name:	Boronic acid, B-[(1S)-3-methyl-1-[[[(2S)-1-oxo-3-phenyl-2-[(2-pyrazinylcarbonyl)amino]propyl]amino]butyl]-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	C ₁₉ H ₂₅ BN ₄ O ₄
Molecular Weight:	384.24
Storage:	Storage temp. 2-8°C
Chemical Structure:	



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
¹H NMR Spectrum:	Consistent with structure
LCMS:	Consistent with structure
Purity (LCMS):	96.59%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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