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## CERTIFICATE OF ANALYSIS

Analysis Date:

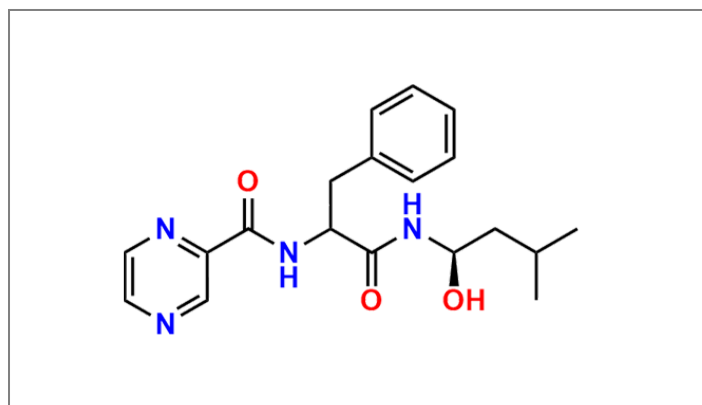
Re-test Date:

**Product Name: Bortezomib Impurity 2 (Mixture of (1S,2R)-Isomer and (1R,2R)-Isomer)**

### Identification:

Chemical Name: N-(1-(((R)-1-Hydroxy-3-methylbutyl)amino)-1-oxo-3-phenylpropan-2-yl)pyrazine-2-carboxamide

Synonyms : NA  
CAS Number : 2747958-64-9  
CAT Number : CP-B34012  
Molecular Formula : C<sub>19</sub>H<sub>24</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight : 356.43



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.