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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Carfilzomib Impurity 2 (RSSSS)**

### Identification:

Chemical Name: (αS)-α-[[2-(4-Morpholinyl)acetyl]amino]benzenebutanoyl-L-leucyl-N-[(1S,3R)-3,4-dihydroxy-3-methyl-1-(2-methylpropyl)-2-oxobutyl]-L-phenylalaninamide

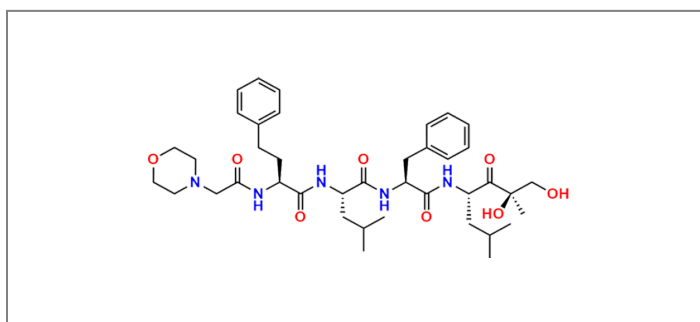
Synonyms : Carfilzomib (2R,4S)-Diol

CAS Number : 1541172-75-1

CAT Number : CP-C153002

Molecular Formula : C40H59N5O8

Molecular Weight : 737.94



### 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.