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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Carfilzomib N-Oxide Impurity**

### Identification:

Chemical Name: 4-({[(1S)-1-{{[(1S)-3-methyl-1-{{[(1S)-1-{{[(2R)-4-methyl-1-[(2R)-2-methyloxiran-2-yl]-1-oxopentan-2-yl]carbamoyl}-2-phenylethyl]carbamoyl}butyl]carbamoyl}-3-phenylpropyl]carbamoyl}methyl)morpholin-4-ium-4-olate

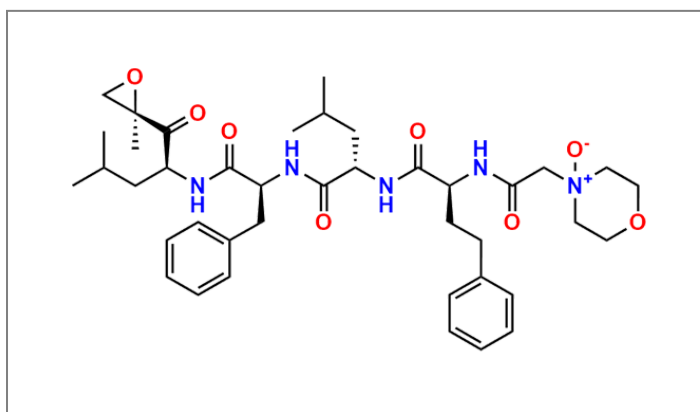
Synonyms : Carfilzomib N-Oxide Impurity

CAS Number : 1672698-96-2

CAT Number : CP-C153021

Molecular Formula : C40H57N5O8

Molecular Weight : 735.92



### 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.