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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Carfilzomib Impurity 52

Identification:

Chemical Name: (S)-N-((S)-1-(((2S,4S)-1-chloro-2-hydroxy-2,6-dimethyl-3-oxoheptan-4-yl)amino)-1-oxo-3-phenylpropan-2-yl)-4-methyl-2-((S)-2-(2-morpholinoacetamido)-4-phenylbutanamido)pentanamide

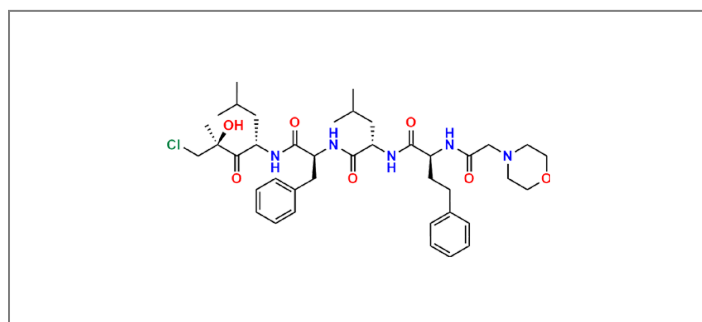
Synonyms : Carfilzomib Chloro Impurity

CAS Number : 1541171-67-8

CAT Number : CP-C153045

Molecular Formula : C40H58ClN5O7

Molecular Weight : 756.38



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

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)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-




Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

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