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### CERTIFICATE OF ANALYSIS

Analysis Date:

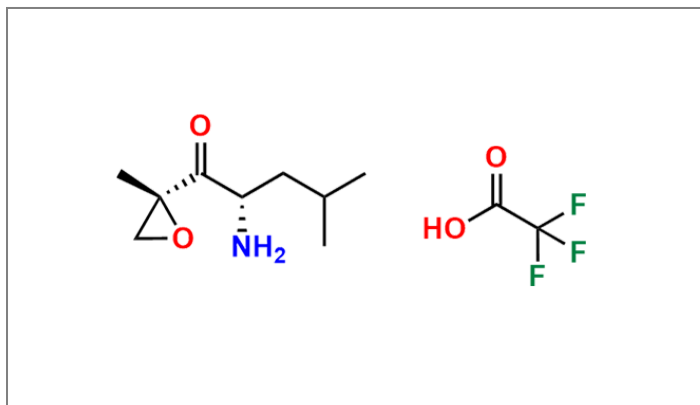
Re-test Date:

**Product Name: Carfilzomib Impurity 24**

#### Identification:

Chemical Name: (S)-2-Amino-4-methyl-1-((R)-2-methyloxiran-2-yl)pentan-1-one 2,2,2-trifluoroacetate

Synonyms : NA  
CAS Number : 247068-85-5  
CAT Number : CP-C153026  
Molecular Formula : C<sub>9</sub>H<sub>17</sub>NO<sub>2</sub> : C<sub>2</sub>H<sub>3</sub>F<sub>3</sub>O<sub>2</sub>  
Molecular Weight : 171.24 : 114.0



#### 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.