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### CERTIFICATE OF ANALYSIS

Analysis Date:

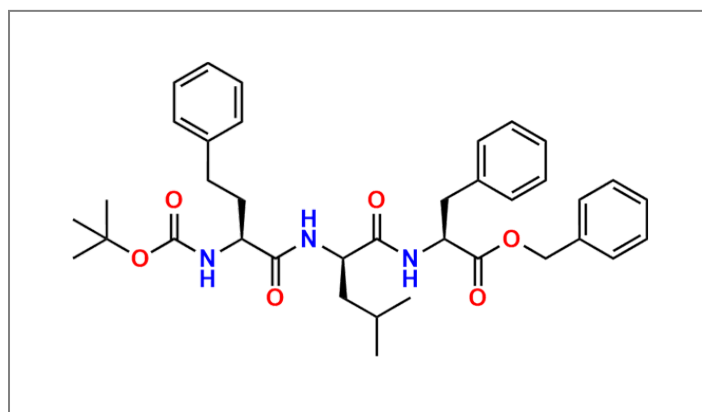
Re-test Date:

**Product Name: Carfilzomib Impurity 39**

#### Identification:

Chemical Name: (6S,9R,12S)-Benzyl 12-Benzyl-9-isobutyl-2,2-dimethyl-4,7,10-trioxo-6-phenethyl-3-oxa-5,8,11-triazatridecan-13-oate

Synonyms : NA  
CAS Number : 2049024-22-6  
CAT Number : CP-C153036  
Molecular Formula : C37H47N3O6  
Molecular Weight : 629.80



#### 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.