

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C070010-1219)

Analysis Date: 02/11/2022

Re-test Date: 19/10/2024

Carfilzomib Impurity 8 (SSSS)

Identification

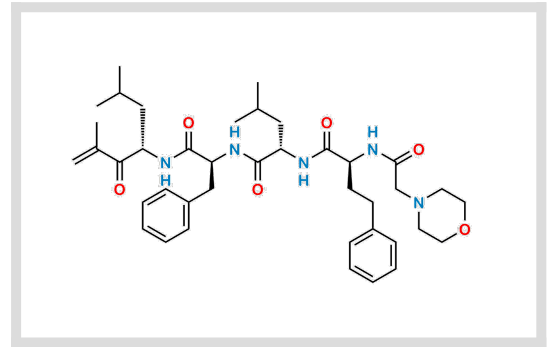
Chemical Name : (S)-N-((S)-1-(((S)-2,6-Dimethyl-3-oxohept-1-en-4-yl)amino)-1-oxo-3-phenylpropan-2-yl)-4-methyl-2-((S)-2-(2-morpholinoacetamido)-4-phenylbutanamido)pentanamide

CAT No. : SZ-C070010

CAS No. : 1660143-42-9

Molecular Formula : C₄₀H₅₇N₅O₆

Molecular Weight : 703.9



Analytical Information

Batch Code : SRL-1133-091

HPLC Purity : 96.48 %

Solubility : ACN:H₂O (8:2)

Mass : Confirm

Appearance of product : Light Yellow Solid

IR Analysis : Confirm

Long Term Storage : 2-8 °C for long term storage

¹H NMR : Confirm

Weight Loss By TGA : 2.53 %

Additional Information

% Potency = [100 - 2.53 (Wt loss by TGA)] X [96.48 (HPLC Purity)] / 100 = 94.04 %

Recommendation : Released

Department

Signature

Date

Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.