

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-C070067-1450)

Analysis Date: 21/11/2022

Re-test Date: 15/11/2024

Carfilzomib Impurity 52

Identification

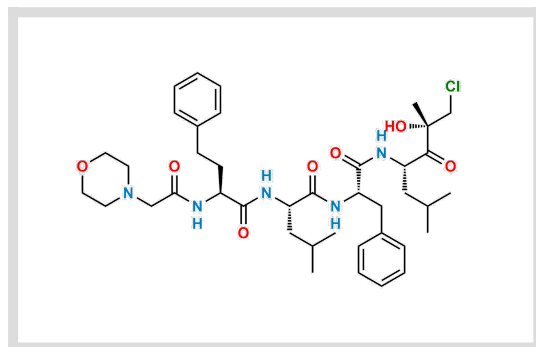
Chemical Name : (S)-N-((S)-1-(((2S,4S)-1-Chloro-2-hydroxy-2,6-dimethyl-3-oxoheptan-4-yl)amino)-1-oxo-3-phenylpropan-2-yl)-4-methyl-2-((S)-2-(2-morpholinoacetamido)-4-phenylbutanamido)pentanamide

CAT No. : SZ-C070067

CAS No. : 1541171-67-8

Molecular Formula : C₄₀H₅₈ClN₅O₇

Molecular Weight : 756.4



Analytical Information

Batch Code : srl-1133-093

HPLC Purity : 97.02 %

Solubility : ACN:H₂O (8:2)

Mass : Confirm

Appearance of product : White Solid

IR Analysis : Confirm

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

¹H NMR : Confirm

Weight Loss By TGA : 0.68 %

Additional Information

% Potency = [100 - 0.68 (Wt loss by TGA)] X [97.02 (HPLC Purity)] / 100 = 96.36 %

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.