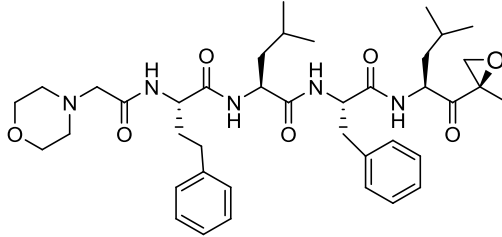


Certificate of Analysis



Product Name:	Carfilzomib
Synonym:	PR-171
CAS No:	868540-17-4
Prod. No:	CT-CARF
Lot No:	03
Molecular Formula	C ₄₀ H ₅₇ N ₅ O ₇
Molecular Weight	719.91
Solubility	Soluble in DMSO
Storage	Store at 0 °C (short term), -20 °C (long term), dark and desiccated

Appearance	Snow white crystalline solid
Quality Control	MS: [✓] ¹ HNMR: [✓] HPLC: [✓] Quantitative Microanalysis: [✓] C₄₀H₅₇N₅O₇ Calculated: C: 66.73%; H: 7.98%; N: 9.73% Found: C: 66.83%; H: 8.00%; N: 9.66%
Loss on Drying	< 0.1%
Chemical Purity	99% (HPLC at 220 nm)