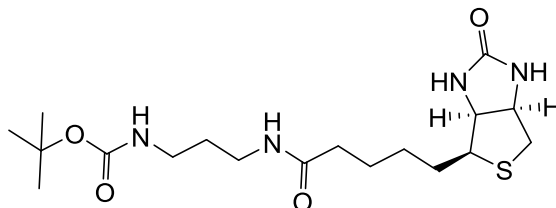




Certificate of Analysis



IUPAC	tert-Butyl (3-(5-((3aS,4S,6aR)-2-oxohexahydro-1H-thieno[3,4-d]imidazol-4-yl)pentanamido)propyl)carbamate
Molecular Weight	400.54
Molecular Formula	C ₁₈ H ₃₂ N ₄ O ₄ S
Physical State	Solid
Storage	-20 °C
Expiration Date	One year from date of receipt
Lot Number	

Analysis	Specification	Result
Physical Examination	White Solid	PASS
TLC	Ninhydrin: positive Iodine: one major spot	PASS
Chemical Purity (HPLC)	>97%	PASS
Mass Spectroscopy	[M+H] ⁺ = 400.54 ± 1 amu	[M+H] ⁺ = 400.7
¹ H NMR	Consistent with structure	PASS

Approved by The Head of Quality Assurance
Department: