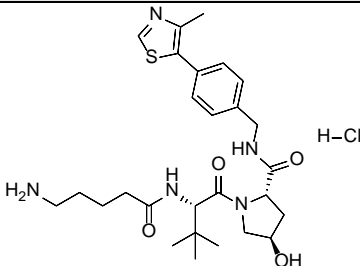


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
471017	VH 032 Linker 3	C20M12C30

Chemical name	
(2S,4R)-1-((S)-2-(5-aminopentanamido)-3,3-dimethylbutanoyl)-4-hydroxy-N-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide hydrochloride	
Synonyms	
VH 032 Linker 3, VH032 Linker 3; VH-032 Linker 3	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 471017 Name: VH 032 Linker 3 CAS#: Unknown Lot#: C20M12C30 Chemical Formula: C ₂₇ H ₄₀ ClN ₅ O ₄ S Exact Mass: 565.2490 Molecular Weight: 566.16

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE