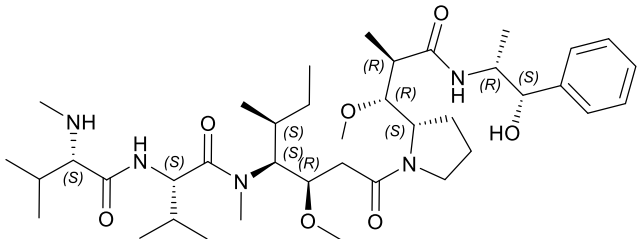


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
120202	MMAE	T20D04P14

Chemical name	
(S)-2-(((3R,4S,5S)-1-((S)-2-((1R,2R)-3-(((1S,2R)-1-hydroxy-1-phenylpropan-2-yl)amino)-1-methoxy-2-methyl-3-oxopropyl)pyrrolidin-1-yl)-3-methoxy-5-methyl-1-oxoheptan-4-yl)(methyl)amino)-3-methyl-N-((S)-3-methyl-2-(methylamino)butanoyl)butanamide.	
Synonyms	
Monomethyl auristatin E; MMAE. Vedotin.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 120202 Name: MMAE CAS#: 474645-27-7 Lot#: T20D04P14 Chemical Formula: C ₃₉ H ₆₇ N ₅ O ₇ Exact Mass: 717.50405 Molecular Weight: 717.98

Analysis item	Specification/Results
Appearance	White solid powder
Structure	¹ H-NMR and MS spectrum of the sample correspond to the data reported in the literature
Purity (HPLC)	99%
Solubility	Soluble in DMSO, not in water
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
Self life	At least 5 years if properly stored.

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