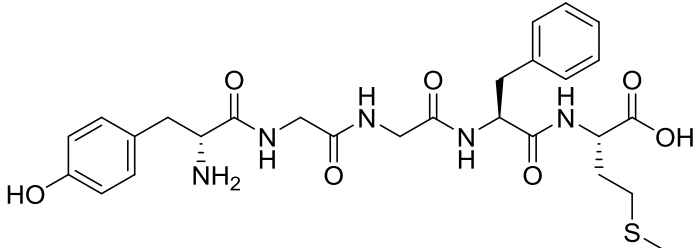




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
319923	Metenkefalin	A7F11L30

Chemical name	
D-tyrosylglycylglycyl-L-phenylalanyl-L-methionine	
Synonyms	
(Met5)-enkephalin; CCRIS 4225; Enkephalin methionine; Lupex; MET-enkephalin; NSC 374896; Porcine beta-endorphin 1-5; Tyr-Gly-Gly-Phe-Met-OH; Metenkefalin	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 319923 Name: Metenkefalin Lot# : A7F11L30 CAS#: 58569-55-4 Chemical Formula: C ₂₇ H ₃₅ N ₅ O ₇ S Exact Mass: 573.2257 Molecular Weight: 573.66

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