

Certificate of Analysis

PRODUCT NAME:	BMP-2 derived peptide
STRUCTURE:	H-Lys-Ile-Pro-Lys-Ala-Ser-Ser-Val-Pro-Thr-Glu-Leu-Ser-Ala-Ile-Ser-Thr-Leu-Tyr-Leu-Gly-Gly-Cys-NH ₂ H-KIPKASSVPTELSAISTLYLGGC-NH ₂
CATALOGUE NUMBER	EI-030
QUANTITY	1mg
PHYSICAL APPEARANCE:	Off-white powder
SALT:	Trifluoroacetic acid
MOLECULAR WEIGHT:	Complies: Expected 2334.76 Found (M + H) ⁺ 2333.7 (M + Na) ⁺ 2355.7
FORMULA:	C ₁₀₄ H ₁₇₆ N ₂₆ O ₃₂ S
PURITY:	Complies: 96.3% by HPLC
STORAGE:	Store frozen, dark and desiccated
SOLUBILITY:	Physiological buffers including: PBS (>1mg.mL ⁻¹) Soluble in DMSO as a stock.
REFERENCES:	Saito et al (2003) Biochim. Biophys. Acta. 1651(1-2) 60 Balakin et al (2019) Carbon 152 740 ISSN 0008-6223

THIS PRODUCT IS NOT FOR HUMAN OR DRUG USE