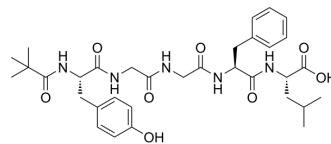


KK-103

Cat. No.:	HY-P6053
CAS No.:	2775287-98-2
Molecular Formula:	C ₃₃ H ₄₅ N ₅ O ₈
Molecular Weight:	639.74
Sequence:	{Tyr-2,2-dimethyl-1-oxopropyl}-Gly-Gly-Phe-Leu
Sequence Shortening:	{Tyr-2,2-dimethyl-1-oxopropyl}-GGFL
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	KK-103 is a precursor of leucine-enkephalin (Leu-ENK) overcomes high proteolytic instability of Leu-ENK via markedly increased plasma stability in mice that has antinociceptive effect ^[1] .
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REFERENCES

[1]. Lukas Hohenwarter, et al. A Novel Leu-Enkephalin Prodrug Produces Pain-Relieving and Antidepressant Effects. Mol Pharm. 2024 Jan 20.

Caution: Product has not been fully validated for medical applications. For research use only.

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