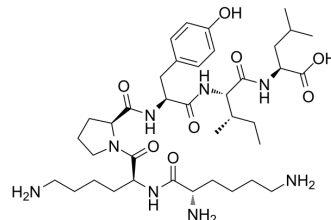


[Lys8, Lys9]-Neurotensin (8-13)

Cat. No.:	HY-P2544
CAS No.:	139026-64-5
Molecular Formula:	C ₃₈ H ₆₄ N ₈ O ₈
Molecular Weight:	761
Sequence Shortening:	KKPYIL
Target:	Neurotensin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

[Lys8, Lys9]-Neurotensin (8-13) (JMV438), a Neurotensin analog, exerts its analgesic effects through activation of the G protein-coupled receptors NTS1 and NTS2, with K_i values of 0.33 nM and 0.95 nM for hNTS1 and hNTS2 receptors, respectively^[1].

REFERENCES

[1]. Emilie Eiselt, et al. Neurotensin Analogues Containing Cyclic Surrogates of Tyrosine at Position 11 Improve NTS2 Selectivity Leading to Analgesia without Hypotension and Hypothermia. *ACS Chem Neurosci*. 2019 Nov 20;10(11):4535-4544.

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

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