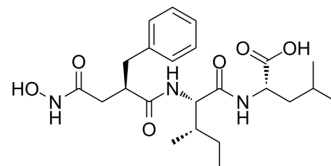


JMV 390-1

Cat. No.:	HY-107761
CAS No.:	148473-36-3
Molecular Formula:	C ₂₃ H ₃₅ N ₃ O ₆
Molecular Weight:	449.54
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

JMV 390-1 (Compound 6a) is a potent multipeptidase inhibitor. JMV 390-1 behaves as a full inhibitor of the major neurotensin (NT)/neuromedin N (NN) degrading enzymes in vitro with IC₅₀ values from 30 to 60 nM. JMV 390-1 increases endogenous recovery of NT and NN from slices of mice hypothalamus depolarized with potassium^[1].

REFERENCES

[1]. Doulut S, et al. Synthesis and analgesic effects of N-[3-[(hydroxyamino) carbonyl]-1-oxo-2(R)-benzylpropyl]-L-isoleucyl-L-leucine, a new potent inhibitor of multiple neurotensin/neuromedin N degrading enzymes. *J Med Chem.* 1993 May 14;36(10):1369-79.

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

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