



>>Entry Name: Neurotensin, 9CI

CAS Registry Number: 55508-42-4

Related CAS Registry Numbers(s): 39379-15-2 58889-67-1

H-5-OxoPro-Leu-Tyr-Glu-Asn-Lys-Pro-Arg-Arg-Pro-Tyr-Ile-Leu-OH

Molecular Formula: C₇₈H₁₂₁N₂₁O₂₀

Molecular Weight: 1672.943

Accurate Mass: 1671.909679

Percentage Composition: C 56.00%; H 7.29%; N 17.58%; O 19.13%

Biological Source: A peptide originally isol. from extracts of bovine hypothalami

Use/Importance: Hypotensive, gut-contracting, analgesic modulator of central monoamine nerve cells

Fluka: 72209

References:

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Bisette, G. *et al.*, *Life Sci.*, 1978, **23**, 2173, (*rev*)
Leeman, S.E. *et al.*, *Ann. N.Y. Acad. Sci.*, 1982, **400**, 1, (*rev, isol, synth, props*)
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Stowe, Z. *et al.*, *Life Sci.*, 1991, **49**, 987, (*rev*)
Kitabgi, P. *et al.*, *Ann. N.Y. Acad. Sci.*, 1992, **668**, 1, (*rev*)
Beaudet, A. *et al.*, *Biochem. Pharmacol.*, 1994, **47**, 43, (*pharmacol, rev*)
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