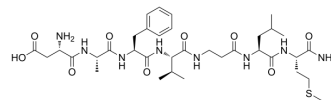


(β-Ala8)-Neurokinin A (4-10)

Cat. No.:	HY-P3851
CAS No.:	127633-71-0
Molecular Formula:	C ₃₅ H ₅₆ N ₈ O ₉ S
Molecular Weight:	764.93
Sequence Shortening:	DAFV-Bal-LM-NH2
Target:	Neurokinin Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(β-Ala8)-Neurokinin A (4-10), a neuropeptide, is a potent and selective NK-2 tachykinin receptor (Neurokinin Receptor) agonist ^[1] .
In Vivo	(β-Ala8)-Neurokinin A (4-10) (2 μg/kg; i.v.) increases colonic tone in conscious female dogs ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. C A Maggi, et al. In vivo pharmacology of [beta Ala8]neurokinin A-(4-10), a selective NK-2 tachykinin receptor agonist. Eur J Pharmacol. 1990 Feb 20;177(1-2):81-6.
- [2]. G Basilisco, et al. A selective NK-2 antagonist blocks the increase of canine colonic tone and ileal contractions induced by the NK-2 selective receptor agonist, [beta Ala8] neurokinin A-(4-10). Aliment Pharmacol Ther. 1994 Oct;8(5):527-33.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA