

Neurokinin B

Cat. No.:	HY-P0242
CAS No.:	86933-75-7
Molecular Formula:	C ₅₅ H ₇₉ N ₁₃ O ₁₄ S ₂
Molecular Weight:	1210.42
Sequence:	Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH ₂
Sequence Shortening:	DMHDFVGLM-NH ₂
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	Neurokinin B belongs to the tachykinin family of peptides. Neurokinin B binds a family of GPCRs-including neurokinin receptor 1 (NK1R), NK2R, and NK3R-to mediate their biological effect ^[1] .
IC ₅₀ & Target	Neurokinin receptor ^[1]
In Vitro	Neurokinin B (NKB) belongs to the tachykinin family of peptides that initially included the neuropeptides substance P (SP), neurokinin A (NKA), and NKB and more recently, endokinins and hemokinins. Tachykinins bind a family of G-protein-coupled receptors (GPCRs)-including neurokinin receptor 1 (NK1R), NK2R, and NK3R-to mediate their biological effect ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Navarro VM. Interactions between kisspeptins and neurokinin B. Adv Exp Med Biol. 2013;784:325-47.

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

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