

Neuropeptide DF2

Cat. No.:	HY-P1716
CAS No.:	149471-11-4
Molecular Formula:	C ₄₄ H ₆₇ N ₁₅ O ₁₀
Molecular Weight:	966.1
Sequence:	Asp-Arg-Asn-Phe-Leu-Arg-Phe-NH ₂
Sequence Shortening:	DRNFLRF-NH ₂
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Neuropeptide DF2 is a DRNFLRFamide neuropeptide originally isolated from crayfish, which enhances transmitter release and stimulates the amplitude of excitatory post-synaptic potentials (EPSP) through the calcium/calmodulin-dependent protein kinase^[1].

REFERENCES

[1]. Noronha KF, et al., A role for calcium/calmodulin-dependent protein kinase in mediating synaptic modulation by a neuropeptide. Brain Res. 1995 Feb 27;673(1):70-4.

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

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