

Tyr0-Neurokinin A

Cat. No.:	HY-P3848
CAS No.:	116868-93-0
Molecular Formula:	$C_{59}H_{89}N_{15}O_{16}S$
Molecular Weight:	1296.49
Sequence Shortening:	YHKTDSEFVGLM-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Tyr0-Neurokinin A is a neuropeptide belongs to tachykinin peptide family. Tyr0-Neurokinin A is an agonist of Tacr2. Tyr0-Neurokinin A can be used in the research of insulin resistance, obesity, diabetes ^{[1][2]} .
IC ₅₀ & Target	Tachykinin Receptor 2 (Tacr2) ^[2]

REFERENCES

[1]. Gao X, et al. The study of the conformation and interaction of two tachykinin peptides in membrane mimicking systems by NMR spectroscopy and pulsed field gradient diffusion. Biopolymers. 1999 Oct 15;50(5):555-68.

[2]. Gerhart-Hines Zachary, et al. Peptide agonists of Tacr2 for treatment of insulin resistance, diabetes and/or obesity. Patent. WO2021073742.

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

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