

α -Synuclein (61-95) (human)

Cat. No.:	HY-P4704
CAS No.:	154040-19-4
Molecular Formula:	C ₁₄₁ H ₂₃₅ N ₃₉ O ₄₉
Molecular Weight:	3260.61
Sequence:	Glu-Gln-Val-Thr-Asn-Val-Gly-Gly-Ala-Val-Val-Thr-Gly-Val-Thr-Ala-Val-Ala-Gln-Lys-Thr-V al-Glu-Gly-Ala-Gly-Ser-Ile-Ala-Ala-Ala-Thr-Gly-Phe-Val
Sequence Shortening:	EQVTNVGGAVVTGVTAVAQKTVEGAGSIAATGFV
Target:	α -synuclein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

α -Synuclein (61-95) (human) is the hydrophobic core region of α -synuclein, and induces neuronal cell death. α -Synuclein (61-95) (human) can be used for research of neurodegenerative diseases, including Alzheimer's disease (AD) and Parkinson's disease (PD)^{[1][2]}.

REFERENCES

[1]. Tabner BJ, et al. Formation of hydrogen peroxide and hydroxyl radicals from A(beta) and alpha-synuclein as a possible mechanism of cell death in Alzheimer's disease and Parkinson's disease. *Free Radic Biol Med*. 2002 Jun 1;32(11):1076-83.

[2]. Emadi S, et al. Inhibiting aggregation of alpha-synuclein with human single chain antibody fragments. *Biochemistry*. 2004 Mar 16;43(10):2871-8.

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