

α -Synuclein 4554W

Cat. No.:	HY-P5082
CAS No.:	2243207-00-1
Molecular Formula:	C ₄₅ H ₈₀ N ₁₄ O ₁₄
Molecular Weight:	1041.2
Sequence:	Ac-Lys-Asp-Gly-Ile-Val-Asn-Gly-Val-Lys-Ala-NH ₂
Sequence Shortening:	Ac-KDGIVNGVKA-NH ₂
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 4554W is an inhibitor of α -Synuclein (aSyn) aggregation with associated toxicity. α -Synuclein 4554W consists of GIVNGVKA sequences, previously identified through intracellular library screening. α -Synuclein 4554W reduces fibril formation of aSyn mutants associated with Parkinson's disease^[1].

REFERENCES

[1]. Torpey J H, et al. Insights into peptide inhibition of alpha-synuclein aggregation[J]. Frontiers in Neuroscience, 2020, 14: 561462.

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

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