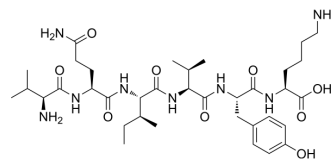


PHF6

Cat. No.:	HY-P4808
CAS No.:	329897-62-3
Molecular Formula:	C ₃₆ H ₆₀ N ₈ O ₉
Molecular Weight:	748.91
Sequence:	Val-Gln-Ile-Val-Tyr-Lys
Sequence Shortening:	VQIVYK
Target:	Amyloid-β
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	PHF6 (VQIVYK) is a self-assembly sequence capable of initiating the full-length tau protein aggregation and is mapped to the third microtubule-binding repeat region of the tau protein ^[1] .
In Vitro	Aggregated tau-PHF6 (VQIVYK) potentiates NLRP3 inflammasome expression and autophagy in human microglial cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chinmaya Panda, et al. Aggregated Tau-PHF6 (VQIVYK) Potentiates NLRP3 Inflammasome Expression and Autophagy in Human Microglial Cells. *Cell*. 2021 Jun 30;10(7):1652.

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

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