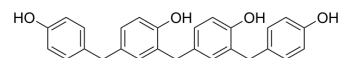


α -Synuclein inhibitor 9

Cat. No.:	HY-149509
CAS No.:	1510825-03-2
Molecular Formula:	C ₂₇ H ₂₄ O ₄
Molecular Weight:	412.48
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 inhibitor 9 (Compound 20C) is an α -Synuclein inhibitor. α -Synuclein inhibitor 9 binds to cavities in mature α -synuclein fibrils and reduces the β -sheet structure. α -Synuclein inhibitor 9 inhibits A53T α -Syn aggregation. α -Synuclein inhibitor 9 has neuroprotective effect, improves brain functional connection and relieves motor dysfunction. α -Synuclein inhibitor 9 can be used for Parkinson's disease (PD) research.^[1]

REFERENCES

[1]. Peng Y, et al. A small molecule 20C from *Gastrodia elata* inhibits α -synuclein aggregation and prevents progression of Parkinson's disease. *Cell Death Dis.* 2023 Sep 6;14(9):594.

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

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