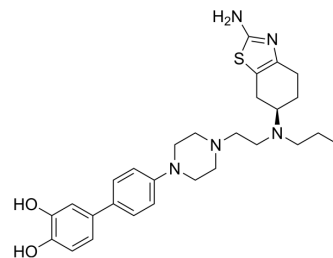


Tau-aggregation-IN-1

Cat. No.:	HY-146135
CAS No.:	1619269-19-0
Molecular Formula:	C ₂₈ H ₃₇ N ₅ O ₂ S
Molecular Weight:	507.69
Target:	Microtubule/Tubulin; Dopamine Receptor
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton; GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tau-aggregation-IN-1 (Compound D-519) is a tau441 protein aggregation inhibitor with an IC ₅₀ of 21 μM. Tau-aggregation-IN-1 is also a dopamine D ₂ and D ₃ receptor agonist ^[1] .	
IC₅₀ & Target	D ₂ Receptor	D ₃ Receptor

REFERENCES

[1]. Iva Ziu, et al. The multifunctional dopamine D₂/D₃ receptor agonists also possess inhibitory activity against the full-length tau441 protein aggregation. *Bioorg Med Chem.* 2020 Sep 15;28(18):115667.

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

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