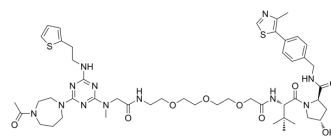


C004019

Cat. No.:	HY-138669
CAS No.:	2417159-57-8
Molecular Formula:	C ₄₉ H ₇₀ N ₁₂ O ₉ S ₂
Molecular Weight:	1035.29
Target:	Tau Protein; PROTACs
Pathway:	Neuronal Signaling; PROTAC
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	C004019 is a small-molecule PROTAC. C004019 simultaneously recruits tau and E3-ligase (Vhl) and thus selectively enhances ubiquitination and proteolysis of tau proteins. C004019 can be used for Alzheimer disease (AD) research ^[1] .
IC ₅₀ & Target	VHL

REFERENCES

[1]. Wang W, et al. A novel small-molecule PROTAC selectively promotes tau clearance to improve cognitive functions in Alzheimer-like models. *Theranostics*. 2021 Mar 11;11(11):5279-5295.

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

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