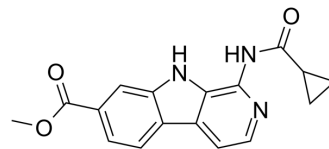


ZDWX-25

Cat. No.:	HY-144826
CAS No.:	2668297-70-7
Molecular Formula:	C ₁₇ H ₁₅ N ₃ O ₃
Molecular Weight:	309.32
Target:	GSK-3
Pathway:	PI3K/Akt/mTOR; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ZDWX-25 is a highly potent GSK-3 β and DYRK1A dual inhibitor with an IC ₅₀ value of 71 nM for GSK-3 β . ZDWX-25 possesses significant cytotoxic activities against SH-SY5Y and HL-7702 cells. ZDWX-25 can be used for researching alzheimer's disease [1].
IC ₅₀ & Target	GSK-3 β 71 nM (IC ₅₀)

REFERENCES

[1]. Liu W, et al. Discovery of novel β -carboline derivatives as selective AChE inhibitors with GSK-3 β inhibitory property for the treatment of Alzheimer's disease. Eur J Med Chem. 2022;229:114095.

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

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