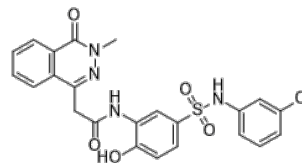


Product Name : EZ-482
Cat. No. : PC-27560
CAS No. : 1016456-76-0
Molecular Formula : C₂₃H₁₉ClN₄O₅S
Molecular Weight : 498.94
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

EZ-482 is a small molecule ligand of Apolipoprotein E (ApoE), binds to the C-terminal domains of both ApoE3 and ApoE4 with KD of approximately 8 μ M, blocks heparin binding to the N-terminal domain.

EZ-482 overcomes ICB resistance induced by M2-exo administration.

EZ-482 reverses ICB resistance induced by M2-exo in preclinical tumor models.

EZ-482 effectively prevented APPNEV-induced synaptic formation impairment, APPNEV-mediated downregulation of synaptic proteins, and the APPNEV-induced decrease in synaptic maturity.

EZ-482 may affect apoE binding both the LRP-1 and LDL receptors.

References

Mondal T, et al. Biochemistry. 2016 May 10;55(18):2613-21.

Zheng N, et al. Oncoimmunology. 2023 May 13;12(1):2210959.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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