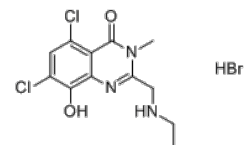


Product Name : PBT434
Cat. No. : PC-35124
CAS No. : 1232841-78-9
Molecular Formula : C₁₂H₁₄BrCl₂N₃O₂
Molecular Weight : 383.067
Target : Amyloids
Solubility : 10 mM in DMSO



Biological Activity

PBT434 is a novel quinazolinone compound with effect of lowering cellular iron levels, prevents iron mediated neurodegeneration and **α-synuclein** toxicity in multiple models of Parkinson disease.

PBT434 inhibits iron-mediated redox activity and iron-mediated aggregation of α-synuclein, a protein that aggregates in the neuropathology.

PBT434 prevents loss of substantia nigra pars compacta neurons (SNpc), lowers nigral α-synuclein accumulation, and rescues motor performance in mice model of PD.

References

Finkelstein DI, et al. *Acta Neuropathol Commun.* 2017 Jun 28;5(1):53.

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

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