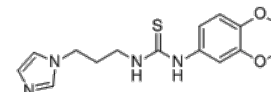


Product Name : PBD-150
Cat. No. : PC-60393
CAS No. : 790663-33-1
Molecular Formula : C₁₅H₂₀N₄O₂S
Molecular Weight : 320.411
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

PBD150 is a potent **glutaminyl cyclase** (QC) inhibitor with K_i of 60 nM.

PBD150 significantly reduces depositions of A β 3(pGlu)-40/42 in brain in transgenic mouse models and Drosophila model of Alzheimer diseases.

References

Cynis H, et al. *Biochemistry*. 2008 Jul 15;47(28):7405-13.

Huang KF, et al. *J Biol Chem*. 2011 Apr 8;286(14):12439-49.

Buchholz M, et al. *J Med Chem*. 2006 Jan 26;49(2):664-77.

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

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