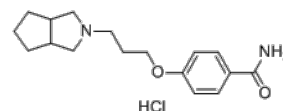


Product Name : S 38093
Cat. No. : PC-60377
CAS No. : 1222097-72-4
Molecular Formula : C₁₇H₂₅ClN₂O₂
Molecular Weight : 324.85
Target : Histamine Receptor
Solubility : 10 mM in DMSO



Biological Activity

S 38093 is a brain-penetrant **H3 receptor** antagonist/inverse agonist that shows procognitive properties in vivo. S 38093 induces synergistic memory-enhancing effect in mice combined with Donepezil. S 38093 induces a reversal of age-dependent effects on hippocampal BDNF-IX, BDNF-IV and BDNF-I transcripts and increases vascular endothelial growth factor (VEGF) expression, increases adult hippocampal neurogenesis in vivo.

References

- Panayi F, et al. *Eur J Pharmacol.* 2017 May 15;803:1-10.
Sors A, et al. *Eur J Pharmacol.* 2017 May 15;803:11-23.
Guilloux JP, et al. *Sci Rep.* 2017 Feb 20;7:42946.

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

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