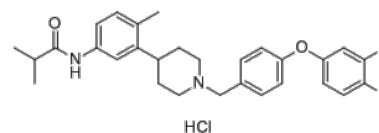


**Product Name** : SNAP-94847 hydrochloride  
**Cat. No.** : PC-61526  
**CAS No.** : 1781934-47-1  
**Molecular Formula** : C<sub>29</sub>H<sub>32</sub>F<sub>2</sub>N<sub>2</sub>O<sub>2</sub>.HCl  
**Molecular Weight** : 515.042  
**Target** :  
**Solubility** : 10 mM in DMSO



## Biological Activity

SNAP-94847 hydrochloride is a selective, high-affinity, and competitive MCH1 receptor (**MCHR1**) antagonist with K<sub>i</sub> of 1.69 nM.

SNAP-94847 displays an anxiolytic/antidepressant-like effect in mouse models, stimulates the proliferation of progenitors in the dentate gyrus.

SNAP-94847 has a unique anxiolytic-like profile that is distinct from selective serotonin reuptake inhibitors and tricyclic antidepressants.

## References

David DJ, et al. *J Pharmacol Exp Ther.* 2007 Apr;321(1):237-48.

Chen CA, et al. *J Med Chem.* 2007 Aug 9;50(16):3883-90.

Nair SG, et al. *Psychopharmacology (Berl).* 2009 Jul;205(1):129-40.

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

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