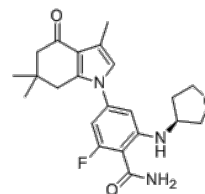


**Product Name** : SNX-0723  
**Cat. No.** : PC-60683  
**CAS No.** : 1073969-18-2  
**Molecular Formula** : C<sub>22</sub>H<sub>26</sub>FN<sub>3</sub>O<sub>3</sub>  
**Molecular Weight** : 399.47  
**Target** : Heat Shock Protein (HSP)  
**Solubility** : 10 mM in DMSO



## Biological Activity

SNX-0723 is a selective, brain-permeable, orally active small-molecule inhibitor of **Hsp90** (IC<sub>50</sub>=14 nM) that inhibits alpha-synuclein oligomerization with EC<sub>50</sub> of 48 nM.

SNX-0723 induces Hsp70 (IC<sub>50</sub>=31 nM), and decreases expression of several known Hsp90 client proteins: HER2 (IC<sub>50</sub>=9.4 nM), ribosomal protein s6 (pS6) (IC<sub>50</sub>=13 nM), and PERK (IC<sub>50</sub>=5.5 nM).

SNX-0723 shows significant brain concentrations along with induction of brain Hsp70 in vivo with promising PK properties.

## References

Putchu P, et al. *J Pharmacol Exp Ther*. 2010 Mar;332(3):849-57. et al.

McFarland NR, et al. *PLoS One*. 2014 Jan 20;9(1):e86048.

Neubert T, et al. *Bioorg Med Chem Lett*. 2015 Mar 15;25(6):1338-42.

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

E-mail: tech@probechem.com