

Product Name	: SNX-0723
Synonyms	: SNX0723; SNX0723
Cat No.	: M10305
CAS Number	: 1073969-18-2
Molecular Formula	: C ₂₂ H ₂₆ FN ₃ O ₃
Formula Weight	: 399.47
Chemical Name	: 2-fluoro-6-[[[(3S)-oxolan-3-yl]amino]-4-(3,6,6-trimethyl-4-oxo-5,7-dihydroindol-1-yl)]benzamide
Description	: SNX-0723 is a selective, brain-permeable, orally active small-molecule inhibitor of Hsp90 (IC ₅₀ =14 nM) that inhibits alpha-synuclein oligomerization with EC ₅₀ of 48 nM; induces Hsp70 (IC ₅₀ =31 nM), and decreases expression of several known Hsp90 client proteins: HER2 (IC ₅₀ =9.4 nM), ribosomal protein s6 (pS6) (IC ₅₀ =13 nM), and PERK (IC ₅₀ =5.5 nM); shows significant brain concentrations along with induction of brain Hsp70 in vivo with promising PK properties.
Pathway	: Cytoskeleton/Cell Adhesion Molecules
Target	: HSP
Receptor	: HSP
Solubility	: —
SMILES	: <chem>O=C(N)C1=CC(N[C@@H]2COCC2)=C(C(=N3C=C(C)C4=C3CC(C)(C)CC4=O)C=C1F</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Putcha P, J Pharmacol Exp Ther. 2010 Mar;332(3):849-57.et al. 2. McFarland NR, et al. PLoS One. 2014 Jan 20;9(1):e86048. 3. Neubert T, et al. Bioorg Med Chem Lett. 2015 Mar 15;25(6):1338-42.