



SNX-2112 (PF-04928473)

Cat. No.:	OB0225WX-2506
Appearance:	Solid
Purity:	≥99%
Identity:	Confirmed by NMR, and HPLC.
Size:	5 mg; 10 mg; 50 mg; 200 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

Description	SNX-2112 (PF-04928473) is a selective ligand that binds to the ATP-binding pocket of both HSP90-alpha and HSP90-beta with a binding affinity (K_a) of 30 nM.
Synonym	908112-43-6; SNX-2112; 4-(6,6-dimethyl-4-oxo-3-(trifluoromethyl)-4,5,6,7-tetrahydro-1H-indazol-1-yl)-2-((1r,4r)-4-hydroxycyclohexylamino)benzamide; PF-04928473; 4-[6,6-dimethyl-4-oxo-3-(trifluoromethyl)-5,7-dihydroindazol-1-yl]-2-[(4-hydroxycyclohexyl)amino]benzamide; 4-(6,6-dimethyl-4-oxo-3-(trifluoromethyl)-4,5,6,7-tetrahydro-1H-indazol-1-yl)-2-(((1r,4r)-4-hydroxycyclohexyl)amino)benzamide; 4-[6,6-Dimethyl-4-oxo-3-(trifluoromethyl)-4,5,6,7-tetrahydro-1H-indazol-1-yl]-2-[(cis-4-hydroxycyclohexyl)amino]benzamide; Benzamide, 2-((trans-4-hydroxycyclohexyl)amino)-4-(4,5,6,7-tetrahydro-6,6-dimethyl-4-oxo-3-(trifluoromethyl)-1H-indazol-1-yl)-; 4-(6,6-Dimethyl-4-oxo-3-(trifluoromethyl)-4,5,6,7-tetrahydro-1H-indazol-1-yl)-2-((trans-4-hydroxycyclohexyl)amino)benzamide; 4-(6,6-dimethyl-4-oxo-3-trifluoromethyl-4,5,6,7-tetrahydro-indazol-1-yl)-2-(trans-4-hydroxy-cyclohexylamino)benzamide; 4-[6,6-dimethyl-4-oxidanylidene-3-(trifluoromethyl)-5,7-dihydroindazol-1-yl]-2-[(4-oxidanylcyclohexyl)amino]benzamide; 4-(6,6-Dimethyl-4-oxo-3-(trifluoromethyl)-4,5,6,7-tetrahydro-1H-indazol-1-yl)-2-(trans-4-hydroxycyclohexylamino)benzamide; 4-[6,6-dimethyl-4-oxo-3-(trifluoromethyl)-4,5,6,7-tetrahydro-1h-indazol-1-yl]-2-[(4-hydroxycyclohexyl)amino]benzamide
CAS No.	908112-43-6
Compound CID	24772860



Formula	C ₂₃ H ₂₇ F ₃ N ₄ O ₃
Formula Weight	464.48

Specification

IUPAC Name	4-[6,6-Dimethyl-4-oxo-3-(trifluoromethyl)-5,7-dihydroindazol-1-yl]-2-[(4-hydroxycyclohexyl)amino]benzamide
InChI	InChI=1S/C23H27F3N4O3/c1-22(2)10-17-19(18(32)11-22)20(23(24,25)26)29-30(17)13-5-8-15(21(27)33)16(9-13)28-12-3-6-14(31)7-4-12/h5,8-9,12,14,28,31H,3-4,6-7,10-11H2,1-2H3,(H2,27,33)
InChI Key	ZFVRYNYOPQZKDG-UHFFFAOYSA-N
SMILES string	CC1(CC2=C(C(=O)C1)C(=NN2C3=CC(=C(C=C3)C(=O)N)NC4CCC(CC4)O)C(F)(F)F)C
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	SNX-2112 (PF-04928473) is applied in proteostasis research as a potent Hsp90 inh ibitor to study the degradation of oncogenic client proteins and the modulation of the cellular stress response.

Library Information

Target	HSP (HSP90)
Receptor	HSP90α; HSP90β
Pathways	Cytoskeletal signaling
Plate Number	L6700-04
Empty Location	a1-h1; a12-h12
Container	96-well plate
Formulation	10mM DMSO
DMSO Max Solubility	93 mg/mL; 200.22 mM
Ethanol Max Solubility	1 mg/mL
ALogP	3.709
HBA_Count	3
HBD_Count	3
Rotatable Bond	5