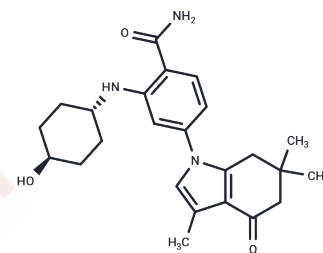


SNX-7081

Chemical Properties

CAS No. : 908111-22-8
 Formula: C₂₄H₃₁N₃O₃
 Molecular Weight: 409.52
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	NX-7081 is a novel small molecule inhibitor of Hsp90, which blocks components of inflammation, including cytokine production, protein kinase activity, and angiogenic signaling. SNX-7081 showed strong binding affinity to Hsp90 and expected induction of Hsp70. NF-kappaB nuclear translocation was blocked by SNX-7081 at nanomolar concentrations, and cytokine production was potently inhibited. Growth factor activation of ERK and JNK signaling was significantly reduced by SNX-7081. NO production was also sharply inhibited. In animal models, SNX-4414 fully inhibited paw swelling and improved body weight.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4419 mL	12.2094 mL	24.4188 mL
5 mM	0.4884 mL	2.4419 mL	4.8838 mL
10 mM	0.2442 mL	1.2209 mL	2.4419 mL
50 mM	0.0488 mL	0.2442 mL	0.4884 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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