

NSC145366

Chemical Properties

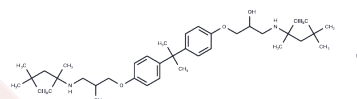
CAS No. : 1052515-37-3

Formula: C37H63ClN2O4

Molecular Weight: 635.36

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	NSC145366 is an inhibitor of Hsp90 activities which targets the Hsp90 C-terminal domain to induce allosteric inhibition and selective client downregulation. NSC145366 increases Hsp90 oligomerization resulting in allosteric inhibition of NTD ATPase activity (IC50=119µM) but does not compete with NTD or CTD-ATP binding.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5739 mL	7.8696 mL	15.7391 mL
5 mM	0.3148 mL	1.5739 mL	3.1478 mL
10 mM	0.1574 mL	0.787 mL	1.5739 mL
50 mM	0.0315 mL	0.1574 mL	0.3148 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

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481