

NPX800

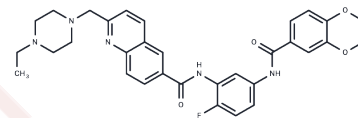
Chemical Properties

CAS No. : 1693734-80-3

Formula: C32H32FN5O4

Molecular Weight: 569.63

Storage: Store at low temperature, Keep away from direct sunlight
 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	NPX800 is an inhibitor of heat shock factor 1 (HSF1) and can be used in studies about the treatment of cancer.
Targets(IC50)	HSP
In vitro	NPX800 inhibits cell viability of U2OS with IC50 of 56 nM[1].

Solubility Information

Solubility	DMSO: 95 mg/mL (166.77 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7555 mL	8.7776 mL	17.5553 mL
5 mM	0.3511 mL	1.7555 mL	3.5111 mL
10 mM	0.1756 mL	0.8778 mL	1.7555 mL
50 mM	0.0351 mL	0.1756 mL	0.3511 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.

Reference

Keith Jones, et al. Fused 1,4-dihydrodioxin derivatives as inhibitors of heat shock transcription factor 1. WO2015049535A1.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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