

NMS-873

Catalog No: tcsc2038



Available Sizes

Size: 5mg

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1418013-75-8

Formula:

$C_{27}H_{28}N_4O_3S_2$

Pathway:

Cell Cycle/DNA Damage

Target:

p97

Purity / Grade:

>98%

Solubility:

DMSO : 20.5 mg/mL (39.37 mM; Need ultrasonic and warming)

Observed Molecular Weight:

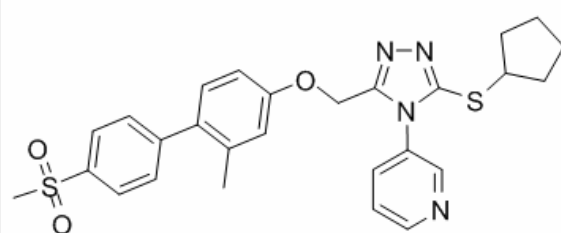
520.67

Product Description

NMS-873 is a potent, selective allosteric **VCP/p97** inhibitor with **IC₅₀** value of 30 nM.

IC50 & Target: IC50: 30 nM^[1]

In Vitro: NMS-873 has antiproliferative effect on a panel of tumor cell lines with IC₅₀ values in the range of 0.08 μM to 2 μM. For HCT116 and HeLa cells, the IC₅₀ values are 0.4 μM and 0.7 μM, respectively. NMS-873 reduces VCP sensitivity to trypsin digestion, preventing degradation of the linker-D2 domain. NMS-873 induces clear, dose-dependent accumulation of poly-Ub proteins and stabilization of cyclin E and Mcl-1 at doses consistent with its antiproliferative IC₅₀ value^[1].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!