



LKT Laboratories, Inc.

NMS-873

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Product Information

Product ID N4972

CAS No. 1418013-75-8

Chemical Name

Synonym NMS873

Formula $C_{27}H_{28}N_4O_3S_2$

Formula Wt. 520.67

Melting Point

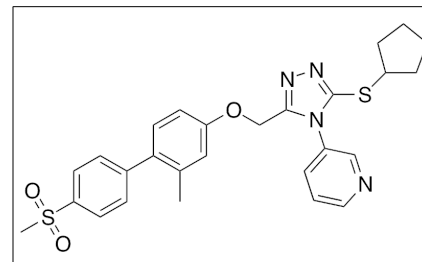
Purity $\geq 98\%$

Solubility DMSO Solubility:
100 mg/mL (192.06 mM)

Store Temp -20°C

Ship Temp Ambient

Description NMS-873 inhibits valosin-containing protein (VCP; p97/Cdc48p), an ATPase involved in endoplasmic reticulum-associated degradation. NMS-873 displays anticancer activity, activating the unfolded protein response, interfering with autophagy, and inducing cell death in cancer cells.



Bulk quantities available upon request

Product ID	Size
N4972	1 mg
N4972	5 mg
N4972	25 mg

References Chou TF, Bulfer SL, Wehl CC, et al. Specific inhibition of p97/VCP ATPase and kinetic analysis demonstrate interaction between D1 and D2 ATPase domains. *J Mol Biol.* 2014 Jul 29;426(15):2886-99. PMID: 24878061.

Magnaghi P, D'Alessio R, Valsasina B, et al. Covalent and allosteric inhibitors of the ATPase VCP/p97 induce cancer cell death. *Nat Chem Biol.* 2013 Sep;9(9):548-56. PMID: 23892893.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.