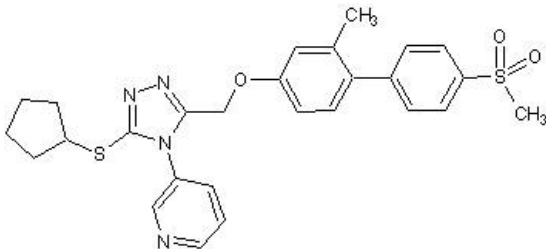


Product datasheet

NMS-873

[1 Image](#)

Overview

Product name	NMS-873
Description	Potent and selective VCP ATPase inhibitor
Biological description	Potent and selective VCP ATPase inhibitor (IC_{50} = 30 nM). Selective against a range of AAA ATPases, HSP90 and kinases (IC_{50} >10 μ M). Activator of unfolded protein response. Modulates maturation of autophagosomes. <i>In vitro</i> antiproliferative activity in cancer cell lines. Anti-viral activity towards influenza A and B.
Purity	\geq 98%
CAS Number	1418013-75-8
Chemical structure	

Properties

Chemical name	3-[3-(Cyclopentylthio)-5-[[[2-methyl-4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]oxy]methyl]-4H-1,2,4-triazol-4-yl]pyridine
Molecular weight	520.67
Molecular formula	C ₂₇ H ₂₈ N ₄ O ₃ S ₂
PubChem identifier	71521142
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	Soluble in DMSO to 100 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Refer to SDS for further information

Need more advice on solubility, usage and handling? Please visit our **frequently asked questions (FAQ) page** for more details.

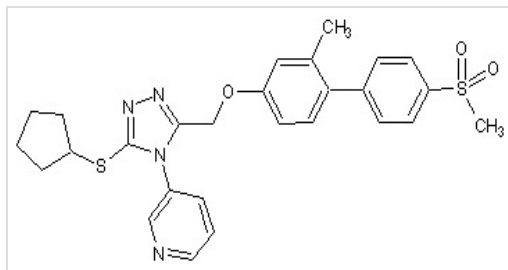
SMILES

CC1=C(C=CC(=C1)OCC2=NN=C(N2C3=CN=CC=C3)SC4CCCC4)C5=CC=C(C=C5)S(=O)(=O)C

Source

Synthetic

Images



Chemical structure of NMS-873, 1418013-75-8

Chemical Structure - NMS-873 (ab270807)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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