

HLI98E

Chemical Properties

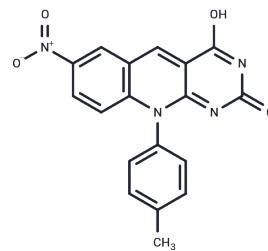
CAS No. :

Formula: C₁₈H₁₂N₄O₄

Molecular Weight: 348.3123

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	HLI98E is a HDM2 ubiquitin ligase inhibitor with anti-tumor activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.871 mL	14.355 mL	28.7101 mL
5 mM	0.5742 mL	2.871 mL	5.742 mL
10 mM	0.2871 mL	1.4355 mL	2.871 mL
50 mM	0.0574 mL	0.2871 mL	0.5742 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

Dou X, Li X, Tao L, Hu C, Zhang L, He Q, Yang B, Hu Y. Synthesis and biological evaluation of novel pyrimido[4,5-b]quinoline-2,4- dione derivatives as MDM2 ubiquitin ligase inhibitors. *Med Chem*. 2013 Jun 1;9(4):581-7. PubMed PMID: 22920093.

Yang Y, Ludwig RL, Jensen JP, Pierre SA, Medaglia MV, Davydov IV, Safiran YJ, Oberoi P, Kenten JH, Phillips AC, Weissman AM, Vousden KH. Small molecule inhibitors of HDM2 ubiquitin ligase activity stabilize and activate p53 in cells. *Cancer Cell*. 2005 Jun;7(6):547-59. PubMed PMID: 15950904.

Huang L, Hu B, Ni J, Wu J, Jiang W, Chen C, Yang L, Zeng Y, Wan R, Hu G, Wang X. Transcriptional repression of SOCS3 mediated by IL-6/STAT3 signaling via DNMT1 promotes pancreatic cancer growth and metastasis. *J Exp Clin Cancer Res*. 2016 Feb 4;35:27. doi: 10.1186/s13046-016-0301-7. PubMed PMID: 26847351; PubMed Central PMCID: PMC4743194.

Chen H, Wu G, Gao S, Guo R, Zhao Z, Yuan H, Liu S, Wu J, Lu X, Yuan X, Yu Z, Zu X, Xie N, Yang N, Hu Z, Sun Q, Zhang W. Discovery of Potent Small-Molecule Inhibitors of Ubiquitin-Conjugating Enzyme UbcH5c from α -Santonin Derivatives. *J Med Chem*. 2017 Aug 2. doi: 10.1021/acs.jmedchem.6b01829. [Epub ahead of print] PubMed PMID: 28696694.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481