

AM-6761

Chemical Properties

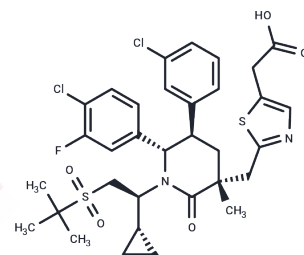
CAS No. : 1584732-36-4

Formula: C₃₃H₃₇Cl₂FN₂O₅S₂

Molecular Weight: 695.69

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	AM-6761 is a potent inhibitor of the MDM2-p53 interaction. In the SJS-1 osteosarcoma xenograft model, AM-6761 shows excellent antitumor activity with an ED ₅₀ of 11 mg/kg.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4374 mL	7.1871 mL	14.3742 mL
5 mM	0.2875 mL	1.4374 mL	2.8748 mL
10 mM	0.1437 mL	0.7187 mL	1.4374 mL
50 mM	0.0287 mL	0.1437 mL	0.2875 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

Gonzalez AZ, Li Z, Beck HP, Canon J, Chen A, Chow D, Duquette J, Eksterowicz J, Fox BM, Fu J, Huang X, Houze J, Jin L, Li Y, Ling Y, Lo MC, Long AM, McGee LR, McIntosh J, Oliner JD, Osgood T, Rew Y, Saiki AY, Shaffer P, Wortman S, Yakowec P, Yan X, Ye Q, Yu D, Zhao X, Zhou J, Olson SH, Sun D, Medina JC. Novel inhibitors of the MDM2-p53 interaction featuring hydrogen bond acceptors as carboxylic acid isosteres. *J Med Chem.* 2014 Apr 10;57(7):2963-88. doi: 10.1021/jm401911v. Epub 2014 Mar 27. PubMed PMID: 24601644.

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