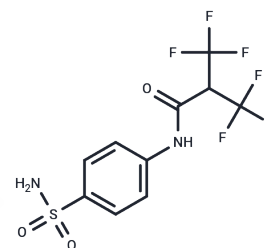


Hdm2 E3 ligase inhibitor 1

Chemical Properties

CAS No. :	414905-09-2
Formula:	C10H8F6N2O3S
Molecular Weight:	350.24
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	Hdm2 E3ligaseinhibitor 1 (Compound 1) is a reversible inhibitor of Hdm2-mediated p53 protein ubiquitination, with an IC50 of 12.7 μM. It binds to Hdm2, blocking the transfer of ubiquitin catalyzed by Hdm2 from pre-linked Ub-Ubc4 to p53, thereby inhibiting p53 ubiquitination, stabilizing p53 protein in tumor cells, and exerting antitumor activity.
Targets(IC50)	E1/E2/E3 Enzyme,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8552 mL	14.2759 mL	28.5519 mL
5 mM	0.571 mL	2.8552 mL	5.7104 mL
10 mM	0.2855 mL	1.4276 mL	2.8552 mL
50 mM	0.0571 mL	0.2855 mL	0.571 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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