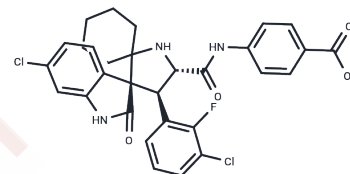


(S,R,S)-MI-1061

Chemical Properties

CAS No. : 1410738-90-7
 Formula: C₃₀H₂₆Cl₂FN₃O₄
 Molecular Weight: 582.45
 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	(S,R,S)-MI-1061 is an isomer of MI-1061. It serves as a precursor for synthesizing Antibody-Drug Conjugates (ADCs). MI-1061 acts as a potent, orally bioavailable, and chemically stable inhibitor of MDM2 (MDM2-p53 interaction) with IC ₅₀ =4.4 nM and K _i =0.16 nM. This compound activates p53 and induces apoptosis in murine SJSA-1 xenograft tissues, exhibiting antitumor properties.
Targets(IC ₅₀)	Drug-Linker Conjugates for ADC,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7169 mL	8.5844 mL	17.1689 mL
5 mM	0.3434 mL	1.7169 mL	3.4338 mL
10 mM	0.1717 mL	0.8584 mL	1.7169 mL
50 mM	0.0343 mL	0.1717 mL	0.3434 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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