

TETi76

Chemical Properties

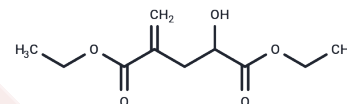
CAS No. : 1451750-73-4

Formula: C₁₀H₁₆O₅

Molecular Weight: 216.23

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	TETi76 is an orally active inhibitor from the TET family, demonstrating IC ₅₀ values of 1.5, 9.4, and 8.8 μM against TET1, TET2, and TET3, respectively. The compound competitively binds to the active sites of TET enzymes, reducing cytosine hydroxymethylation and restricting clonal growth in mutated TET2 in vitro and in vivo, without affecting the growth of normal hematopoietic progenitor cells. TETi76 is utilized in leukemia research.
Targets(IC ₅₀)	DNA Methyltransferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6247 mL	23.1235 mL	46.2471 mL
5 mM	0.9249 mL	4.6247 mL	9.2494 mL
10 mM	0.4625 mL	2.3124 mL	4.6247 mL
50 mM	0.0925 mL	0.4625 mL	0.9249 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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