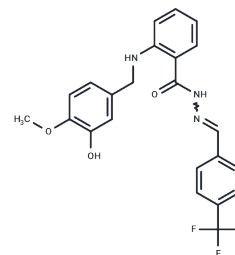


LASSBio-2052

Chemical Properties

CAS No. : 2549160-15-6
 Formula: C₂₃H₂₀F₃N₃O₃
 Molecular Weight: 443.42
 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	LASSBio-2052, a derivative of N-acylhydrazone with antitumor activity against hepatocellular carcinoma (HCC), inhibits HCC cells HepG2 and Hep3B with IC ₅₀ values of 18 and 41 μM, respectively. LASSBio-2052 arrests the cell cycle at G ₂ /M phase through downregulation of FOXM1 and induces apoptosis in HCC cells [1].
Targets(IC ₅₀)	Apoptosis,Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2552 mL	11.276 mL	22.552 mL
5 mM	0.451 mL	2.2552 mL	4.5104 mL
10 mM	0.2255 mL	1.1276 mL	2.2552 mL
50 mM	0.0451 mL	0.2255 mL	0.451 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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