

HR68

Chemical Properties

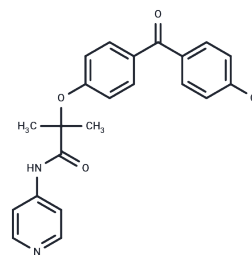
CAS No. : 2454582-64-8

Formula: C₂₂H₁₉ClN₂O₃

Molecular Weight: 394.85

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	HR68, a derivative of the peroxisome proliferator-activated receptor (PPAR) agonist fenofibric acid, serves as an anticancer agent. It effectively reduces the viability of LN-229 glioblastoma cells, with an IC ₅₀ value of 1.17 μM. Notably, HR68 is capable of crossing the blood-brain barrier in temozolomide-resistant orthotopic patient-derived xenograft (PDX) mouse models of glioblastoma.
Targets(IC ₅₀)	Others

Solubility Information

Solubility	Methanol: Soluble Ethanol: Soluble Chloroform: Soluble Acetonitrile: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5326 mL	12.663 mL	25.3261 mL
5 mM	0.5065 mL	2.5326 mL	5.0652 mL
10 mM	0.2533 mL	1.2663 mL	2.5326 mL
50 mM	0.0507 mL	0.2533 mL	0.5065 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

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