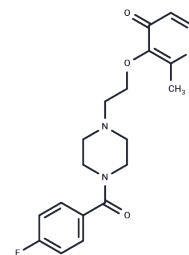


LDHA/PDKs-IN-1

Chemical Properties

CAS No. : 2490699-40-4
Formula: C₁₉H₂₁FN₂O₄
Molecular Weight: 360.38
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	LDHA/PDKs-IN-1 (compound 20e) is a highly effective dual inhibitor of PDKs and LDHA, displaying IC ₅₀ values of 0.8 μ M and 0.15 μ M, respectively. It significantly suppresses A549 cell proliferation (EC ₅₀ = 13.2 μ M), reduces lactate formation, and enhances oxygen consumption. This compound holds great promise for cancer research [1].
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7748 mL	13.8742 mL	27.7485 mL
5 mM	0.555 mL	2.7748 mL	5.5497 mL
10 mM	0.2775 mL	1.3874 mL	2.7748 mL
50 mM	0.0555 mL	0.2775 mL	0.555 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.

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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