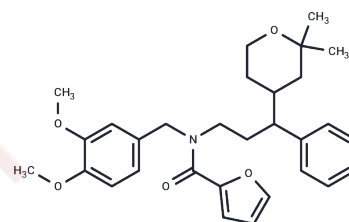


(Rac)-Glutipyran

Chemical Properties

CAS No. : 350993-69-0
 Formula: C₃₀H₃₇N₅
 Molecular Weight: 491.62
 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	(Rac)-Glutipyran is a broad-spectrum GLUT inhibitor targeting both GLUT1 and GLUT3. This compound inhibits glucose uptake and significantly impedes the growth of various cancer cells, particularly demonstrating substantial inhibition of PANC-1 cell growth (IC ₅₀ =1.8 μM) and glucose uptake (IC ₅₀ =0.13 μM).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0341 mL	10.1705 mL	20.3409 mL
5 mM	0.4068 mL	2.0341 mL	4.0682 mL
10 mM	0.2034 mL	1.017 mL	2.0341 mL
50 mM	0.0407 mL	0.2034 mL	0.4068 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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