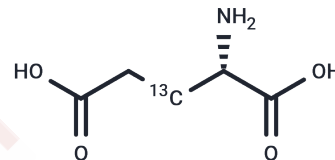


L-Glutamic acid-13C

Chemical Properties

CAS No. : 115473-51-3
 Formula: C5H9NO4
 Molecular Weight: 148.12
 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	L-Glutamic acid-13C is a form of L-Glutamic acid (T2A2497BP) that has been labeled with 13C. As an excitatory amino acid neurotransmitter, L-Glutamic acid (T2A2497BP) acts as an agonist for all subtypes of glutamate receptors, including metabotropic kainate, NMDA, and AMPA receptors. It also stimulates the release of dopamine (DA) from dopaminergic nerve terminals.
Targets(IC50)	Apoptosis,Ferroptosis,Endogenous Metabolite,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.7513 mL	33.7564 mL	67.5128 mL
5 mM	1.3503 mL	6.7513 mL	13.5026 mL
10 mM	0.6751 mL	3.3756 mL	6.7513 mL
50 mM	0.135 mL	0.6751 mL	1.3503 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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