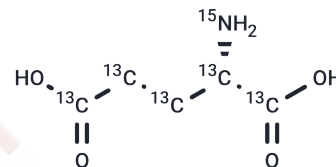


L-Glutamic acid-13C5,15N

Chemical Properties

CAS No. :	202468-31-3
Formula:	C5H9NO4
Molecular Weight:	153.09
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-13C5,15N is L-Glutamic acid labeled with 13C and 15N. It functions as an excitatory amino acid neurotransmitter and acts as an agonist for all subtypes of glutamate receptors, including metabotropic, NMDA, and AMPA. Additionally, it 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	6.5321 mL	32.6605 mL	65.3211 mL
5 mM	1.3064 mL	6.5321 mL	13.0642 mL
10 mM	0.6532 mL	3.2661 mL	6.5321 mL
50 mM	0.1306 mL	0.6532 mL	1.3064 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

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481