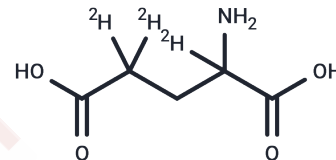


## DL-Glutamic acid-D3

## Chemical Properties

CAS No. : 96927-56-9  
 Formula: C<sub>5</sub>D<sub>3</sub>H<sub>6</sub>NO<sub>4</sub>  
 Molecular Weight: 150.15  
 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	DL-Glutamic acid-D3 is a deuterated compound of DL-Glutamic acid. DL-Glutamic acid (T37520) has a CAS number of 617-65-2. DL-Glutamic acid (T37520) is the conjugate acid of Glutamic acid, which acts as a fundamental metabolite. Comparing with the second phase of polymorphs $\alpha$ and $\beta$ L-Glutamic acid, DL-Glutamic acid (T37520) presents better stability[1].
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.660 mL	33.300 mL	66.6001 mL
5 mM	1.332 mL	6.660 mL	13.320 mL
10 mM	0.666 mL	3.330 mL	6.660 mL
50 mM	0.1332 mL	0.666 mL	1.332 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.

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