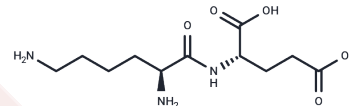


## Lysylglutamic acid

## Chemical Properties

CAS No. :	45234-02-4
Formula:	C <sub>11</sub> H <sub>21</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	275.3
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Lysylglutamic acid is a dipeptide composed of the amino acids lysine (Lysine, Lys) and glutamic acid (Glutamic acid, Glu), with an inhibitory constant (K <sub>i</sub> ) of 1.3 mM for the membrane transport protein PEPT1.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6324 mL	18.162 mL	36.324 mL
5 mM	0.7265 mL	3.6324 mL	7.2648 mL
10 mM	0.3632 mL	1.8162 mL	3.6324 mL
50 mM	0.0726 mL	0.3632 mL	0.7265 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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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481