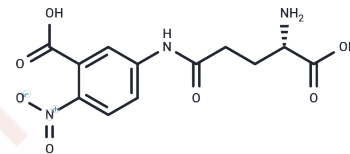


## γ-GT

## Chemical Properties

CAS No. :	63699-78-5
Formula:	C <sub>12</sub> H <sub>16</sub> N <sub>4</sub> O <sub>7</sub>
Molecular Weight:	328.28
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	γ-GT (H-GLA(PNA)-OH) is used as a synthetic substrate for gamma-glutamyltransferase (GGT) to determine GGT activity.
Targets(IC50)	Others,Transferase

## Solubility Information

Solubility	H <sub>2</sub> O: 30 mg/mL (91.39 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0462 mL	15.2309 mL	30.4618 mL
5 mM	0.6092 mL	3.0462 mL	6.0924 mL
10 mM	0.3046 mL	1.5231 mL	3.0462 mL
50 mM	0.0609 mL	0.3046 mL	0.6092 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.

## Reference

Shaw LM, et al. Gamma-Glutamyltransferase: kinetic properties and assay conditions when gamma-glutamyl-4-nitroanilide and its 3-carboxy derivative are used as donor substrates. Clin Chem. 1977 Jan;23(1):79-85.

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