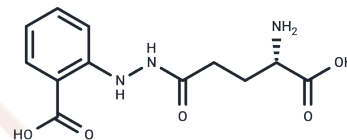


Anthglutin

Chemical Properties

CAS No. :	69168-09-8
Formula:	C ₁₂ H ₁₅ N ₃ O ₅
Molecular Weight:	281.26
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	Anthglutin is a reversible glutamyl transpeptidase inhibitor.
Targets(IC50)	Others,GST

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5554 mL	17.7771 mL	35.5543 mL
5 mM	0.7111 mL	3.5554 mL	7.1109 mL
10 mM	0.3555 mL	1.7777 mL	3.5554 mL
50 mM	0.0711 mL	0.3555 mL	0.7111 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

- Sweiry JH, Sastre J, Viña J, Elsässer HP, Mann GE. A role for gamma-glutamyl transpeptidase and the amino acid transport system xc⁻ in cystine transport by a human pancreatic duct cell line. *J Physiol*. 1995 May 15;485 (Pt 1): 167-77. PubMed PMID: 7658371; PubMed Central PMCID: PMC1157981.
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- Viña JR, Palacin M, Puertes IR, Hernandez R, Viña J. Role of the gamma-glutamyl cycle in the regulation of amino acid translocation. *Am J Physiol*. 1989 Dec;257(6 Pt 1):E916-22. PubMed PMID: 2575355.
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