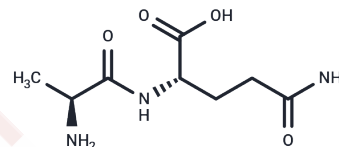


L-Alanyl-L-glutamine

Chemical Properties

CAS No. :	39537-23-0
Formula:	C ₈ H ₁₅ N ₃ O ₄
Molecular Weight:	217.22
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	L-Alanyl-L-glutamine (Ala-Gln), a dipeptide composed of alanine and Gln, is an alternative supplement to L-glutamine in the production of biopharmaceuticals with better solubility and stability than glutamine (Gln).
Targets(IC50)	Endogenous Metabolite

Solubility Information

Solubility	H ₂ O: 71.43 mg/mL (328.84 mM), Sonication is recommended. DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6036 mL	23.0181 mL	46.0363 mL
5 mM	0.9207 mL	4.6036 mL	9.2073 mL
10 mM	0.4604 mL	2.3018 mL	4.6036 mL
50 mM	0.0921 mL	0.4604 mL	0.9207 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