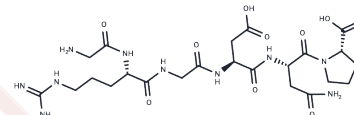


H-Gly-Arg-Gly-Asp-Asn-Pro-OH

Chemical Properties

CAS No. :	114681-65-1
Formula:	C ₂₃ H ₃₈ N ₁₀ O ₁₀
Molecular Weight:	614.61
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	H-Gly-Arg-Gly-Asp-Asn-Pro-OH (GRGDNP) is a integrin-ligand interactions inhibitor.
Targets(IC50)	Apoptosis,Caspase,Integrin

Solubility Information

Solubility	DMSO: 6.2 mg/mL (10.09 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	1.627 mL	8.1352 mL	16.2705 mL
5 mM	0.3254 mL	1.627 mL	3.2541 mL
10 mM	0.1627 mL	0.8135 mL	1.627 mL
50 mM	0.0325 mL	0.1627 mL	0.3254 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

- Yang W , Lin Q , Guan J L , et al. Activation of the Cdc42-associated Tyrosine Kinase-2 (ACK-2) by Cell Adhesion via Integrin $\alpha 5 \beta 1$. Journal of Biological Chemistry, 1999, 274(13):8524-8530.
- Meredith J E , Schwartz M A . Integrins, adhesion and apoptosis[J]. Trends in Cell Biology, 1997, 7(4):146-50.
- Ruoslahti, E., and Öbrink, B. Common principles in cell adhesion Experimental Cell Research 227, 1-11 (1996).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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