

GPLGIAGQ

Chemical Properties

CAS No. : 109053-09-0

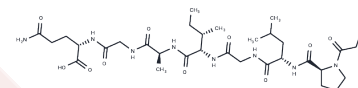
Formula: C₃₁H₅₃N₉O₁₀

Molecular Weight: 711.81

Keep away from moisture

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	GPLGIAGQ, a MMP2-cleavable polypeptide, functions as a stimulus-sensitive linker in liposomal and micellar nanocarriers for MMP2-triggered tumor targeting.
Targets(IC50)	Apoptosis, MMP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4049 mL	7.0243 mL	14.0487 mL
5 mM	0.281 mL	1.4049 mL	2.8097 mL
10 mM	0.1405 mL	0.7024 mL	1.4049 mL
50 mM	0.0281 mL	0.1405 mL	0.281 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

Hou W, et al. MMP2-Targeting and Redox-Responsive PEGylated Chlorin e6 Nanoparticles for Cancer Near-Infrared Imaging and Photodynamic Therapy. ACS Appl Mater Interfaces. 2016 Jan 20;8(2):1447-57.

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