

GPLGIAGQ TFA(109053-09-0 free base)

Chemical Properties

CAS No. :

Formula: C33H54F3N9O12

Molecular Weight: 825.83

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 TFA, is an MMP2-cleaved polypeptide that is used as a stimulus-sensitive connector in both liposomes and micelle nanoceroses for targeted therapy of tumors triggered by MMP2.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2109 mL	6.0545 mL	12.109 mL
5 mM	0.2422 mL	1.2109 mL	2.4218 mL
10 mM	0.1211 mL	0.6055 mL	1.2109 mL
50 mM	0.0242 mL	0.1211 mL	0.2422 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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