

G3-C12 TFA (848301-94-0 free base)

Chemical Properties

CAS No. :

Formula: C74H115N23O23S2.C2HF3O2

Molecular Weight: 1873

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	G3-C12 TFA Salt is a specific galectin-3 binding peptide with K _{sub} of 88 nM and shows anticancer activity.
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Solubility Information

Solubility	H2O: 50 mg/mL (26.7 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	0.5339 mL	2.6695 mL	5.339 mL
5 mM	0.1068 mL	0.5339 mL	1.0678 mL
10 mM	0.0534 mL	0.267 mL	0.5339 mL
50 mM	0.0107 mL	0.0534 mL	0.1068 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

Kopansky E, et al. Peptide-directed HPMA copolymer-doxorubicin conjugates as targeted therapeutics for colorectal cancer. J Drug Target. 2011 Dec;19(10):933-43.

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