

Fmoc-Ser(O- α -D-GalNAc(OAc)₃)-OH

Chemical Properties

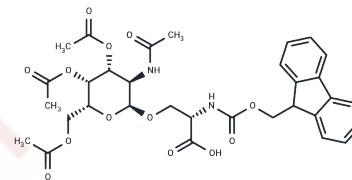
CAS No. : 120173-57-1

Formula: C₃₂H₃₆N₂O₁₃

Molecular Weight: 656.63

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Fmoc-Ser(O- α -D-GalNAc(OAc) ₃)-OH (Fmoc-Ser(Ac ₃ AcNH- α -Gal)-OH) is an anti-tumor drug.
Targets(IC50)	Others,Amino Acids and Derivatives

Solubility Information

Solubility	DMSO: 100 mg/mL (152.29 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 4 mg/mL (6.09 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5229 mL	7.6146 mL	15.2293 mL
5 mM	0.3046 mL	1.5229 mL	3.0459 mL
10 mM	0.1523 mL	0.7615 mL	1.5229 mL
50 mM	0.0305 mL	0.1523 mL	0.3046 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

Eberling J , Braun P , Kowalczyk D , et al. ChemInform Abstract: Chemoselective Removal of Protecting Groups from O-Glycosyl Amino Acid and Peptide (Methoxyethoxy)ethyl Esters Using Lipases and Papain.[J]. ChemInform, 1996, 27.

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