

## GO-203 acetate

## Chemical Properties

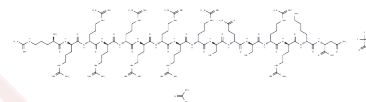
CAS No. :

Formula: C<sub>91</sub>H<sub>175</sub>F<sub>3</sub>N<sub>5</sub>O<sub>23</sub>S<sub>2</sub>

Molecular Weight: 2486.82

Storage: Store at low temperature, Keep away from moisture  
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	GO-203 acetate is an effective inhibitor of potent MUC1-C oncoprotein. GO-203 acetate exhibits anti-cancer activities targeting intracellular proteins.
Targets(IC50)	Others

## Solubility Information

Solubility	H <sub>2</sub> O: 100 mg/mL (40.21 mM), Sonication is recommended. DMSO: 100 mg/mL (40.21 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	0.4021 mL	2.0106 mL	4.0212 mL
5 mM	0.0804 mL	0.4021 mL	0.8042 mL
10 mM	0.0402 mL	0.2011 mL	0.4021 mL
50 mM	0.008 mL	0.0402 mL	0.0804 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

Masanori Hasegawa, et al. Intracellular Targeting of the Oncogenic MUC1-C Protein with a Novel GO-203 Nanoparticle Formulation. Clin Cancer Res. 2015 May 15;21(10):2338-47.

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