

MUC5AC motif peptide

Chemical Properties

CAS No. :

Formula: C₆₃H₁₀₄N₁₆O₂₆

Molecular Weight: 1501.62

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	MUC5AC motif peptide, a 16-amino acid fragment of mucin 5, is a key component in the study of glycoproteins and their biological functions.
Targets(IC50)	Mucin

Solubility Information

Solubility	H ₂ O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6659 mL	3.3297 mL	6.6595 mL
5 mM	0.1332 mL	0.6659 mL	1.3319 mL
10 mM	0.0666 mL	0.333 mL	0.6659 mL
50 mM	0.0133 mL	0.0666 mL	0.1332 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

Tetaert D, et al. Glycopeptide N-acetylgalactosaminyltransferase specificities for O-glycosylated sites on MUC5AC mucin motif peptides. *Biochem J.* 2001 Jul 1;357(Pt 1):313-20.

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