
Product Data Sheet

Product Name: MUC5AC motif peptide

Cat. No.: GC34269

Chemical Properties

Cas. No. 244049-41-0

SMILES Gly-Thr-Thr-Pro-Ser-Pro-Val-Pro-Thr-Thr-Ser-Thr-Thr-Ser-Ala-Pro

Formula C₆₃H₁₀₄N₁₆O₂₆ M.Wt 1501.62

Solubility DMSO : 100 mg/mL (66.59 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

Background

MUC5AC motif peptide is a 16-amino acid fragment of mucin 5.

The MUC5AC mucin motif peptide (GTTPSPVPTTSTTSAP) is a single-letter amino acid codes. The peptide GTTPSPVPTTSTTSAP, mimicking the human mucin tandem repeat of MUC5AC, has been thought to be of value because of the existence of four identical repeats within the sequence of the clone JER58 (GTTPSAVPTTSTTSVP and GTTPSPVPTTSTTSVP)[1].

[1]. 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.

Caution: Product has not been fully validated for medical applications. For research use only.

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