
Product Data Sheet

Product Name: Peptide C105Y

Cat. No.: GC36873

Chemical Properties

Cas. No. 247572-63-0

Formula C₉₇H₁₄₈N₂₀O₂₃S

M.Wt 1994.4

Solubility Soluble in DMSO

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**

Peptide C105Y, a synthetic and cell-penetrating peptide based on the amino acid sequence corresponding to residues 359-374 of α 1-antitrypsin, enhances gene expression from DNA nanoparticles[1].

[1]. Rhee M, et al. Mechanism of uptake of C105Y, a novel cell-penetrating peptide. J Biol Chem. 2006 Jan 13;281(2):1233-40.

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

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