
Product Data Sheet

Product Name: MPG, HIV related

Cat. No.: GC32316

Chemical Properties

Cas. No. 395069-92-8

SMILES Gly-Ala-Leu-Phe-Leu-Gly-Phe-Leu-Gly-Ala-Ala-Gly-Ser-Thr-Met-Gly-Ala-Trp-Ser-Gln-Pro-Lys-Ser-Lys-Arg-Lys-Val

Formula C₁₂₆H₂₀₁N₃₅O₃₃S M.Wt 2766.22

Solubility Soluble in Water 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

MPG, HIV related is 27-aa peptide, derived from both the nuclear localisation sequence of SV40 large T antigen and the fusion peptide domain of HIV-1 gp41 and is a potent delivery agent for the generalised delivery of nucleic acids and of oligonucleotides into cultured cells.

MPG, HIV related is 27-aa peptide vector, derived from both the nuclear localisation sequence of SV40 large T antigen and the fusion peptide domain of HIV-1 gp41 and is a potent delivery agent for the generalised delivery of nucleic acids and of oligonucleotides into cultured cells and for gene therapy. MPG enables complete expression of the gene produces encoded by the plasmids it delivers into cultured cell[1].

[1]. Morris MC, et al. A novel potent strategy for gene delivery using a single peptide vector as a carrier. Nucleic Acids Res. 1999 Sep 1;27(17):3510-7.

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

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