

Product Data Sheet

Product Name: CGN peptide TFA

Cat. No.: GC79183

Chemical Properties

Cas. No.

Formula $C_{60}H_{90}N_{20}O_{18}S \cdot xC_2HF_3O_2$ M.Wt 1411.54

Solubility Storage Sealed storage, away from moisture

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

CGN peptide TFA is a 13 amino acid peptide composed of D-amino acids, referred to as CGN peptide. CGN peptide TFA is the retro-inverso isomer of the L-peptide TGN (TGNYKALHPHNG) and

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

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can deliver siRNA to the blood-brain barrier (BBB). CGN peptide TFA can be used in Alzheimer's disease (AD) research [1].

References:

[1]. Zheng X, et al. A hybrid siRNA delivery complex for enhanced brain penetration and precise amyloid plaque targeting in Alzheimer's disease mice. *Acta Biomater.* 2017 Feb;49:388-401.

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