

Product Data Sheet

Product Name: CRT
Cat. No.: GC74407

Chemical Properties

Cas. No. 2414254-70-7

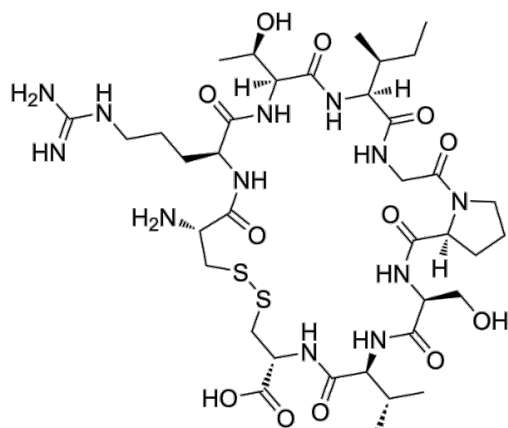
Formula $C_{37}H_{64}N_{12}O_{12}S_2$ M.Wt 933.11

Solubility DMSO : 14.29 mg/mL (15.31 mM; Need ultrasonic) 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

CRT, an iron peptide mimic, can bind to apo-transferrin (apo-Tf). CRT can be used to modify nanoparticles, and enhances drug delivery efficiency.

References:

[1]. Liu M , et al. Iron-mimic peptide converts transferrin from foe to friend for orally targeting insulin delivery. J Mater Chem B. 2018 Jan 28;6(4):593-601.

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

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