

Product Data Sheet

Product Name: Angiopep-2-Cys

Cat. No.: GC74341

Chemical Properties

Cas. No. 906480-09-9

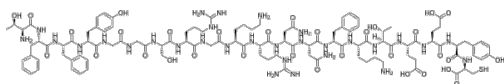
Formula $C_{107}H_{154}N_{30}O_{32}S$ M.Wt 2404.61

Solubility DMSO : 10 mg/mL (4.16 mM; Need ultrasonic) Storage Store at -20°C, 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

Angiopep-2-cys is a conjugate of Angiopep-2 drochloride and cysteine. Angiopep-2 drochloride is a brain peptide vector. The conjugation of anticancer agents with the Angiopep-2 peptide vector could increase their efficacy in the treatment of brain cancer.

References:

[1]. Kafa H, et al. Translocation of LRP1 targeted carbon nanotubes of different diameters across the blood-brain barrier in vitro and in vivo. J Control Release. 2016 Mar 10;225:217-29.

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

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