Product Data Sheet

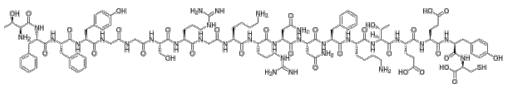
Product Name: Angiopep-2-Cys
Cat. No.: GC74341

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.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet