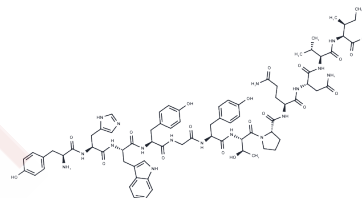


GE11

## Chemical Properties

CAS No. : 875142-25-9  
 Formula: C75H97N17O19  
 Molecular Weight: 1540.68  
 Storage: Keep away from moisture  
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
 Actual storage temperature shall be subject to the COA.



## Biological Description

Description	GE11 is an active peptide that can combine with colloidal drug delivery systems to serve as an intelligent carrier for antitumor drugs, applicable in cancer research.
Targets(IC50)	Others
In vitro	GE11 is an effective EGFR ligand, known as a dodecapeptide, which binds to the epidermal growth factor receptor (EGFR) with high affinity and selective specificity. It is utilized for the diagnosis and radiotherapy of EGFR-positive tumors, as well as the targeted delivery of gene therapy and chemotherapy drugs.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6491 mL	3.2453 mL	6.4906 mL
5 mM	0.1298 mL	0.6491 mL	1.2981 mL
10 mM	0.0649 mL	0.3245 mL	0.6491 mL
50 mM	0.013 mL	0.0649 mL	0.1298 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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