

HER2/neu (654-662) GP2

## Chemical Properties

CAS No. : 160790-21-6

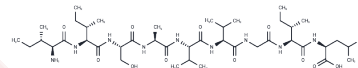
Formula: C42H77N9O11

Molecular Weight: 884.11

Keep away from moisture

Storage: 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	Affibody (affibody) ligands that are specific for the extracellular domain of human epidermal growth factor receptor 2 (HER2/neu) have been selected by phage display technology from a combinatorial protein library based on the 58 amino acid residue staphylococcal protein A-derived Z domain.
Targets(IC50)	EGFR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1311 mL	5.6554 mL	11.3108 mL
5 mM	0.2262 mL	1.1311 mL	2.2622 mL
10 mM	0.1131 mL	0.5655 mL	1.1311 mL
50 mM	0.0226 mL	0.1131 mL	0.2262 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.

## Reference

Sun Y, et al. Observing the temperature dependent transition of the GP2 peptide using terahertz spectroscopy. PLoS One. 2012;7(11):e50306.

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