

Product Data Sheet

Product Name: HER2/neu (654-662) GP2

Cat. No.: GC36219

Chemical Properties

Cas. No. 160790-21-6

Formula $C_{42}H_{77}N_9O_{11}$

M.Wt 884.11

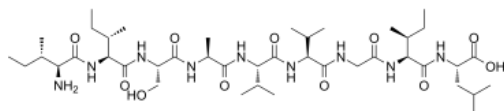
Solubility Soluble in DMSO

Storage Store at -20°C

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

HER2/neu (654-662) GP2 is a nine amino acid peptide derived from the human epidermal growth factor receptor 2 (HER2/neu, 654-662), induces HLA-A2-restricted cytotoxic T lymphocytes (CTL) reactive to various epithelial cancers[1][2].

[1]. Sun Y, et al. Observing the temperature dependent transition of the GP2 peptide using terahertz spectroscopy. PLoS One. 2012;7(11):e50306. [2]. Tanaka Y, et al. Modification of the HER2/NEU-derived tumor antigen GP2 improves induction of GP2-reactive cytotoxic T lymphocytes. Int J Cancer. 2001 Nov;94(4):540-4.

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

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