

Product Data Sheet

Product Name: EGFRvIII peptide PEPvIII

Cat. No.: GC35967

Chemical Properties

Cas. No. 129112-17-0

Formula $C_{70}H_{111}N_{19}O_{24}S$

M.Wt 1634.81

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

LEEKKGNYVVT DHC

Background

EGFRvIII peptide (PEPvIII) is a tumor-specific mutation that is widely expressed in glioblastoma multiforme (GBM) and other neoplasms and its expression enhances tumorigenicity. EGFRvIII peptide represents a truly tumor-specific target for antitumor immunotherapy[1].

[1]. Schmittling RJ, et al. Detection of humoral response in patients with glioblastoma receiving EGFRvIII-KLH vaccines. J Immunol Methods. 2008 Nov 30;339(1):74-81.

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

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