
Product Data Sheet

Product Name: HPV16-E711-20 epitope

Cat. No.: GC36256

Chemical Properties

Cas. No. 160040-04-0

Formula C₅₃H₈₃N₁₁O₁₉S M.Wt 1210.35

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**

HPV16-E711-20 epitope is a well-known HLA-A*0201-restricted human cytotoxic T lymphocyte (CTL) epitope of the HPV16 E7 protein that shows high-affinity binding to HLA-A2 in vitro. HPV16 CTL epitopes may be good candidates for the development of an effective peptide-based antitumor vaccine[1].

[1]. Ding Z, et al. Cytolytic activity of the human papillomavirus type 16 E711-20 epitope-specific cytotoxic T lymphocyte is enhanced by heat shock protein 110 in HLA-A*0201 transgenic mice. Clin Vaccine Immunol. 2013 Jul;20(7):1027-33.

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

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