
Product Data Sheet

Product Name: OVA G4 peptide

Cat. No.: GC36825

Chemical Properties

Cas. No. 148274-82-2

Formula $C_{43}H_{71}N_9O_{12}$ M.Wt 906.08

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

OVA G4 peptide is a variant of the agonist ovalbumin (OVA) peptide SIINFEKL (257-264). SIINFEKL is routinely used to stimulate ovalbumin-specific T cells and to test new vaccine adjuvants can form a stable hydrogel[1][2].

[1]. François P, et al. Phenotypic model for early T-cell activation displaying sensitivity, specificity, and antagonism. Proc Natl Acad Sci U S A. 2013 Mar 5;110(10):E888-97. [2]. Kamalov M, et al. Ovalbumin Epitope SIINFEKL Self-Assembles into a Supramolecular Hydrogel. Sci Rep. 2019 Feb 25;9(1):2696.

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

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