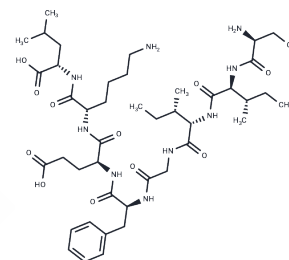


OVA G4 peptide

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 148274-82-2 |
| Formula: | C43H71N9O12 |
| Molecular Weight: | 906.08 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|-------------|--|
| Description | G4 peptide (SIIGFEKL) is a variant of the agonist ovalbumin (OVA) peptide (257-264), SIINFEKL. OVA Peptide is a class I (Kb)-restricted peptide epitope of ovalbumin presented by the class I MHC (major histocompatibility complex) molecule, H-2Kb (class I genes of the mouse MHC). |
|-------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.1037 mL | 5.5183 mL | 11.0366 mL |
| 5 mM | 0.2207 mL | 1.1037 mL | 2.2073 mL |
| 10 mM | 0.1104 mL | 0.5518 mL | 1.1037 mL |
| 50 mM | 0.0221 mL | 0.1104 mL | 0.2207 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

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.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481