

## OVA G4 peptide TFA

|                      |   |       |          |
|----------------------|---|-------|----------|
| Cat. No.:            | HY-P1771A   |       |          |
| Molecular Formula:   | C <sub>45</sub> H <sub>72</sub> F <sub>3</sub> N <sub>9</sub> O <sub>14</sub> |       |          |
| Molecular Weight:    | 1020.1  |       |          |
| Sequence:            | {Ser}{Ile}{Ile}{Gly}{Phe}{Glu}{Lys}{Leu}                                      |       |          |
| Sequence Shortening: | SIIGFEKL  |       |          |
| Target:              | Others  |       |          |
| Pathway:             | Others  |       |          |
| Storage:             | Powder  | -80°C | 2 years  |
|                      |   | -20°C | 1 year   |
|                      | In solvent  | -80°C | 6 months |
|                      |   | -20°C | 1 month  |

### BIOLOGICAL ACTIVITY

#### Description

OVA G4 peptide TFA 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<sup>[1][2]</sup>.

### REFERENCES

[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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