

Product Data Sheet

Product Name: SIYNFEKL TFA

Cat. No.: GC74334

Chemical Properties

Cas. No.

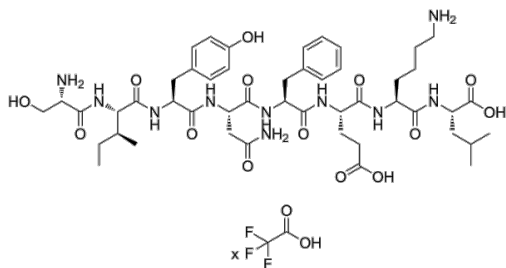
Formula $C_{48}H_{72}N_{10}O_{14} \cdot xC_2HF_3O_2$ M.Wt 1013.14 (free acid)

Solubility $H_2O : \geq 12.5 \text{ mg/mL}$ Storage Sealed storage, away from moisture

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

SIYNFEKL TFA is a variant of major MHC class I-restricted epitope SIINFEKL. SIYNFEKL TFA is an

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

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antigenic peptide, that can stimulate specific T cells in experimental settings to study the competitive interaction between T cell. SIYNFEKL TFA exhibits low affinity for the OT-I T cell receptor (TCR), and can be used for detection of CD8+ T cells.

References:

[1]. Burchill MA, et al., T cells compete by cleaving cell surface CD27 and blocking access to CD70-bearing APCs. Eur J Immunol. 2015 Nov;45(11):3140-9.

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