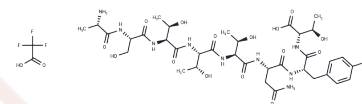


## Peptide T TFA

## Chemical Properties

CAS No. :	1610056-01-3
Formula:	C37H56F3N9O18
Molecular Weight:	971.89
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	Peptide T (TFA), an octapeptide derived from the V2 region of HIV-1 gp120, functions as a ligand for the CD4 receptor, thereby effectively inhibiting HIV binding to the CD4 receptor.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0289 mL	5.1446 mL	10.2892 mL
5 mM	0.2058 mL	1.0289 mL	2.0578 mL
10 mM	0.1029 mL	0.5145 mL	1.0289 mL
50 mM	0.0206 mL	0.1029 mL	0.2058 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

Ruff MR, et al. Peptide T[4-8] is core HIV envelope sequence required for CD4 receptor attachment. Lancet. 1987 Sep 26;2(8561):751.

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