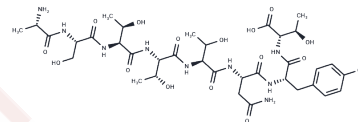


## Peptide T

## Chemical Properties

CAS No. :	106362-32-7
Formula:	C35H55N9O16
Molecular Weight:	857.86
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, an octapeptide from the V2 region of HIV-1 gp120, is a synthetic octapeptide that potentially acts through competitive inhibition of gp120 binding to the CD4 receptor, as well as binding to vasointestinal peptide receptors and inhibiting cytokine action.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1657 mL	5.8285 mL	11.6569 mL
5 mM	0.2331 mL	1.1657 mL	2.3314 mL
10 mM	0.1166 mL	0.5828 mL	1.1657 mL
50 mM	0.0233 mL	0.1166 mL	0.2331 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481