

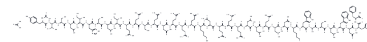
## Enfuvirtide acetate

## Chemical Properties

CAS No. : 914454-00-5

Formula: C<sub>206</sub>H<sub>305</sub>N<sub>51</sub>O<sub>66</sub>

Molecular Weight: 4552



Storage: Keep away from moisture, The compound is unstable in solution. Please use soon

Powder: -20°C for 3 years

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Enfuvirtide acetate salt is a linear synthetic peptide made of 36 amino acids. It has an acetylated N-terminus and a carboxamide C-terminus.
Targets(IC <sub>50</sub> )	HIV Protease

## Solubility Information

Solubility	DMSO: 2.5 mM, The compound is unstable in solution, please use soon. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2197 mL	1.0984 mL	2.1968 mL
5 mM	0.0439 mL	0.2197 mL	0.4394 mL
10 mM	0.022 mL	0.1098 mL	0.2197 mL
50 mM	0.0044 mL	0.022 mL	0.0439 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

Figueira TN, et al. Quantitative analysis of molecular partition towards lipid membranes using surface plasmon resonance. Sci Rep. 2017 Mar 30;7:45647.

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