

APL180 TFA

## Chemical Properties

CAS No. :

Formula: C114H156N24O28.xC2HF3O2

Molecular Weight:

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	APL180 TFA (L-4F) is an apolipoprotein A-I mimetic peptide that enhances the anti-inflammatory functions of High-density lipoprotein. It participates in cardiovascular protection by modulating lipid metabolism and inflammatory responses, and is commonly used in studies of cardiovascular disease mechanisms.
Targets(IC50)	Apolipoprotein

## Solubility Information

Solubility	DMSO: 80 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Reference

Watson CE, et al. Treatment of patients with cardiovascular disease with L-4F, an apo-A1 mimetic, did not improve select biomarkers of HDL function. J Lipid Res. 2011 Feb;52(2):361-73.

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