

LPYFD-NH2 acetate

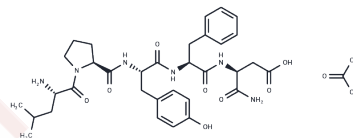
Chemical Properties

CAS No. :

Formula: C₃₅H₄₈N₆O₁₀

Molecular Weight: 712.79

Appearance: Solid

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

Biological Description

Description	LPYFD-NH2 acetate shows some inhibitory effect on the aggregation of Abeta(1-42).
Targets(IC50)	Beta Amyloid

Solubility Information

Solubility	DMSO: 30 mg/mL (42.09 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4029 mL	7.0147 mL	14.0294 mL
5 mM	0.2806 mL	1.4029 mL	2.8059 mL
10 mM	0.1403 mL	0.7015 mL	1.4029 mL
50 mM	0.0281 mL	0.1403 mL	0.2806 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.

Reference

Ilona Laczkó, et al. Aggregation of Abeta(1-42) in the presence of short peptides: conformational studies. J Pept Sci. 2008 Jun;14(6):731-41.

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