

Data Sheet (Cat.No.TP1278)

Colivelin TFA (867021-83-8 free base)

Chemical Properties

CAS No. : 2803948-60-7
Formula: C119H206N32O35.C2HF3O2
Molecular Weight: 2759.12
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	Colivelin (TFA) is a hybrid peptide composed of ADNF and AGA-(C8R)HNG17, a potent Humanin (HN) derivative.
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Solubility Information

Solubility	H2O: 25 mg/mL (9.06 mM),sonification 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	0.3624 mL	1.8122 mL	3.6243 mL
5 mM	0.0725 mL	0.3624 mL	0.7249 mL
10 mM	0.0362 mL	0.1812 mL	0.3624 mL
50 mM	0.0072 mL	0.0362 mL	0.0725 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

Yamada M, et al. Nasal Colivelin treatment ameliorates memory impairment related to Alzheimer's disease. Neuropsychopharmacology. 2008 Jul;33(8):2020-32.

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