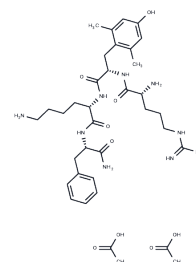


Elamipretide Triacetate

Chemical Properties

CAS No. :	1849610-71-4
Formula:	C38H61N9O11
Molecular Weight:	819.94
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	Elamipretide Triacetate (Elamipretide TriTFA) is an aromatic-cationic tetrapeptide that readily penetrates cell membranes and transiently localizes to the inner mitochondrial membrane where it associates with cardiolipin. It has been used in trials studying the treatment of Leber's Hereditary Optic Neuropathy.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mM, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2196 mL	6.098 mL	12.196 mL
5 mM	0.2439 mL	1.2196 mL	2.4392 mL
10 mM	0.122 mL	0.6098 mL	1.2196 mL
50 mM	0.0244 mL	0.122 mL	0.2439 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

Chatfield K C , Sparagna G C , Chau S , et al. Elamipretide Improves Mitochondrial Function in the Failing Human Heart[J]. JACC: Basic to Translational science, 2019, 4(2):147-157.

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