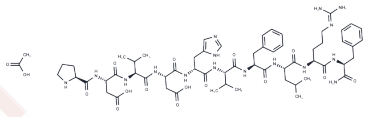
Data Sheet (Cat.No.T20692L)

TargetMol

Schistoflrfamide acetate

Chemical Properties



CAS No. :

Formula: C61H90N16O16

Molecular Weight: 1303.46

Storage: Keep away from moisture
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	Schistoflrfamide acetate is isolated from the grasshopper, Schistocerca gregaria. Schistoflrfamide acetate elicited an immediate effect on the basal membrane potential of the opalescent tubule gland cells in insects.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: Slightly soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7672 mL	3.8359 mL	7.6719 mL
5 mM	0.1534 mL	0.7672 mL	1.5344 mL
10 mM	0.0767 mL	0.3836 mL	0.7672 mL
50 mM	0.0153 mL	0.0767 mL	0.1534 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

Vullings HG, et al. A possible role of SchistoFLRFamide in inhibition of adipokinetic hormone release from locust corpora cardiaca. J Neurocytol. 1998 Dec;27(12):901-13.

Schoofs L, et al. Isolation, identification, and synthesis of PDVDHFLRFamide (SchistoFLRFamide) in Locusta migratoria and its association with the male accessory glands, the salivary glands, the heart, and the oviduct. Peptides. 1993 May-Jun;14(3):409-21.

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