

## NGFFFamide

## Chemical Properties

CAS No. : 1219926-09-6

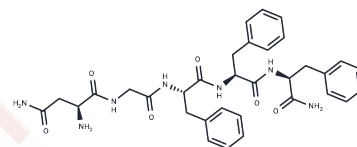
Formula: C33H39N7O6

Molecular Weight: 629.71

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	NGFFFamide, a muscle-active neuropeptide identified in sea urchins, regulates muscle activity by directly interacting with receptor proteins on muscle cells or indirectly by promoting the release of muscle-active factors from neurons or other cell types. This compound proves useful in studies focused on muscle contraction and relaxation.
Targets(IC50)	Endogenous Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.588 mL	7.9402 mL	15.8803 mL
5 mM	0.3176 mL	1.588 mL	3.1761 mL
10 mM	0.1588 mL	0.794 mL	1.588 mL
50 mM	0.0318 mL	0.1588 mL	0.3176 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.

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481