

## ELA-11(human) TFA

## Chemical Properties

CAS No. :

Formula: C60H91F3N16O15S2

Molecular Weight: 1397.58

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	ELA-11(human) TFA, a bioactive fragment of ELA-32, acts as a high-affinity apelin receptor agonist ( $K_i = 14$ nM). It effectively inhibits forskolin-induced cAMP production and promotes $\beta$ -arrestin recruitment in vitro, highlighting its significant agonistic activity.
Targets(IC50)	Apelin receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7155 mL	3.5776 mL	7.1552 mL
5 mM	0.1431 mL	0.7155 mL	1.431 mL
10 mM	0.0716 mL	0.3578 mL	0.7155 mL
50 mM	0.0143 mL	0.0716 mL	0.1431 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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