

## VPM-p15 TFA

## Chemical Properties

CAS No. :

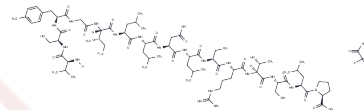
Formula: C75H126N18O22.XCF3COOH

Molecular Weight: 1631.90

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	VPM-p15, a synthetic peptide agonist targeting the adhesion G protein-coupled receptor (GPCR) G2 (ADGRG2)—an orphan GPCR implicated in male infertility—facilitates cAMP accumulation in HEK293 cells expressing human ADGRG2, demonstrating efficacy with an EC50 value of 1.41 $\mu$ M.
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## Solubility Information

Solubility	H2O: soluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6128 mL	3.0639 mL	6.1278 mL
5 mM	0.1226 mL	0.6128 mL	1.2256 mL
10 mM	0.0613 mL	0.3064 mL	0.6128 mL
50 mM	0.0123 mL	0.0613 mL	0.1226 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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