

PAMP-12 (unmodified) (TFA)

Chemical Properties

CAS No. :

Formula: C79H119F3N24O17

Molecular Weight: 1733.94

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	PAMP-12 (unmodified) TFA, an endogenous peptide and potent MRGPRX2 (MrgX2) agonist (EC50=20-50 nM), induces hypotension by inhibiting catecholamine secretion from sympathetic nerve endings and adrenal chromaffin cells [1].
Targets(IC50)	MRGPR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5767 mL	2.8836 mL	5.7672 mL
5 mM	0.1153 mL	0.5767 mL	1.1534 mL
10 mM	0.0577 mL	0.2884 mL	0.5767 mL
50 mM	0.0115 mL	0.0577 mL	0.1153 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481