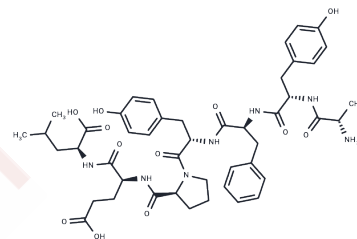


α 1-CN f(143-149)

Chemical Properties

CAS No. : 916608-63-4
 Formula: C₄₆H₅₉N₇O₁₂
 Molecular Weight: 902
 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	α 1-CN f(143-149) is an orally active peptide derived from casein. It exhibits angiotensin-converting enzyme (ACE) inhibitory activity (IC ₅₀ =6.58 μ M) alongside antihypertensive properties.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1086 mL	5.5432 mL	11.0865 mL
5 mM	0.2217 mL	1.1086 mL	2.2173 mL
10 mM	0.1109 mL	0.5543 mL	1.1086 mL
50 mM	0.0222 mL	0.1109 mL	0.2217 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