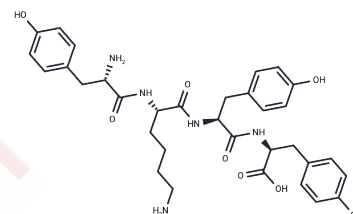


YKYY

Chemical Properties

CAS No. : 305370-00-7
 Formula: C33H41N5O8
 Molecular Weight: 635.71
 Storage: Keep away from moisture
 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	YKYY is an antihypertensive peptide that functions as an angiotensin I-converting enzyme (ACE) inhibitor with an IC50 of 64.2 μ M. It can be extracted from the digests of <i>Undaria pinnatifida</i> (wakame). YKYY is applicable in hypertension research.
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.573 mL	7.8652 mL	15.7304 mL
5 mM	0.3146 mL	1.573 mL	3.1461 mL
10 mM	0.1573 mL	0.7865 mL	1.573 mL
50 mM	0.0315 mL	0.1573 mL	0.3146 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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