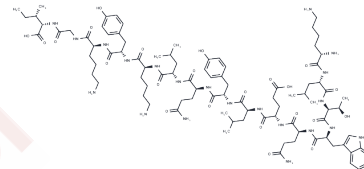


KLTWQELYQLKYKGI

Chemical Properties

CAS No. : 917760-16-8
 Formula: C92H143N21O23
 Molecular Weight: 1911.25
 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	KLTWQELYQLKYKGI (QK) is a VEGF-mimicking peptide that competes with VEGF by binding to its receptors. It facilitates the healing of gastric ulcers in rodents through both oral and systemic administration and has demonstrated the capacity to induce capillary formation and organization in vitro. [1]
Targets(IC50)	VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5232 mL	2.6161 mL	5.2322 mL
5 mM	0.1046 mL	0.5232 mL	1.0464 mL
10 mM	0.0523 mL	0.2616 mL	0.5232 mL
50 mM	0.0105 mL	0.0523 mL	0.1046 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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