

PKCε (85-92)

## Chemical Properties

CAS No. : 207111-98-6

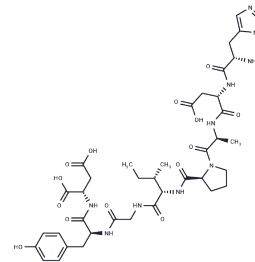
Formula: C39H54N10O14

Molecular Weight: 886.91

Keep away from moisture

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	PKCε (85-92) (ψεRACK) is a peptide and selective PKCε activator that does not affect the activity of other PKC isozymes. PKCε (85-92) induces a pro-angiogenic response in endothelial cells, promotes FGF-2 cytosolization, and regulates VEGF activity.
Targets(IC50)	FGFR, PKC, VEGFR

## Solubility Information

Solubility	DMSO: 127.5 mg/mL (143.76 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Saline: 10 mg/mL (11.28 mM), Solution. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1275 mL	5.6376 mL	11.2751 mL
5 mM	0.2255 mL	1.1275 mL	2.255 mL
10 mM	0.1128 mL	0.5638 mL	1.1275 mL
50 mM	0.0226 mL	0.1128 mL	0.2255 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