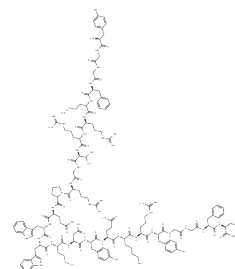


## Peptide E

## Chemical Properties

CAS No. :	78355-50-7
Formula:	C147H207N41O34S2
Molecular Weight:	3156.61
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Peptide E, a potent kappa opiate receptor agonist, exhibits opiate receptor binding activity with an IC50 value of 0.39 $\mu$ M, making it valuable for central nervous system research [1] [2].
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3168 mL	1.584 mL	3.168 mL
5 mM	0.0634 mL	0.3168 mL	0.6336 mL
10 mM	0.0317 mL	0.1584 mL	0.3168 mL
50 mM	0.0063 mL	0.0317 mL	0.0634 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.

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