

## Ser-Ala-alloresact acetate

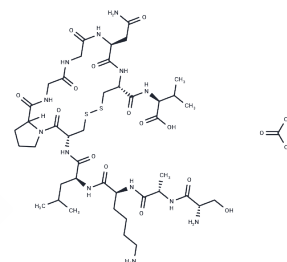
## Chemical Properties

CAS No. :

Formula: C44H75N13O16S2

Molecular Weight: 1106.28

Storage: Store at low temperature, 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	Ser-Ala-alloresact acetate is a sperm-activating peptide (SAP) that is released by marine invertebrate eggs and plays an important role in fertilization.
Targets(IC50)	Calcium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9039 mL	4.5197 mL	9.0393 mL
5 mM	0.1808 mL	0.9039 mL	1.8079 mL
10 mM	0.0904 mL	0.452 mL	0.9039 mL
50 mM	0.0181 mL	0.0904 mL	0.1808 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.

## Reference

Suzuki N, et al. A novel group of sperm activating peptides from the sea urchin *Glyptocidaris crenularis*. *Comp Biochem Physiol C Comp Pharmacol Toxicol*. 1988;90(2):305-11.

Darszon A, et al. Sperm-activating peptides in the regulation of ion fluxes, signal transduction and motility. *Int J Dev Biol*. 2008;52(5-6):595-606.

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