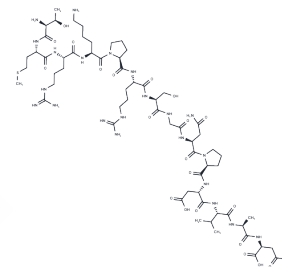


## Peptide 78

## Chemical Properties

CAS No. :	132116-62-2
Formula:	C62H107N23O21S
Molecular Weight:	1542.74
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 78 is identical to peptide 74 except that serine replaces cysteine. It does not inhibit 72-kDa type IV collagenase.
Targets(IC50)	CXCR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6482 mL	3.241 mL	6.482 mL
5 mM	0.1296 mL	0.6482 mL	1.2964 mL
10 mM	0.0648 mL	0.3241 mL	0.6482 mL
50 mM	0.013 mL	0.0648 mL	0.1296 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

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- Buer BC, Chugh J, Al-Hashimi HM, Marsh EN. Using fluorine nuclear magnetic resonance to probe the interaction of membrane-active peptides with the lipid bilayer. *Biochemistry.* 2010 Jul 13;49(27):5760-5. doi: 10.1021/bi100605e. PubMed PMID: 20527804.

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