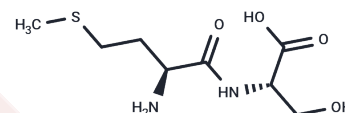


## Methionylserine

## Chemical Properties

CAS No. :	14517-43-2
Formula:	C8H16N2O4S
Molecular Weight:	236.29
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	Methionylserine (H-MET-SER-OH), a dipeptide composed of methionine and serine, demonstrates effective binding and translocation through the intestinal di/tri-peptide transporter 1 (hPEPT1), possessing a $K_m$ value of 0.2 mM. It also exhibits inhibition of ACE enzyme activity, rendering it useful in hypertension research [1] [2].
Targets(IC50)	Angiotensin-converting Enzyme (ACE)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2321 mL	21.1604 mL	42.3209 mL
5 mM	0.8464 mL	4.2321 mL	8.4642 mL
10 mM	0.4232 mL	2.116 mL	4.2321 mL
50 mM	0.0846 mL	0.4232 mL	0.8464 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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