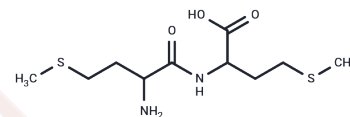


## Methionyl-methionine

## Chemical Properties

CAS No. :	52715-93-2
Formula:	C10H20N2O3S2
Molecular Weight:	280.407
Storage:	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	Methionylmethionine (Met-Met) significantly promotes the expression of $\alpha$ -s1 casein ( $\alpha$ S1-CN) in mammary explants by enhancing the availability of intracellular substrates and activating signaling pathways mediated by JAK2-STAT5 and mTOR.
Targets(IC50)	JAK,mTOR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5662 mL	17.831 mL	35.6621 mL
5 mM	0.7132 mL	3.5662 mL	7.1324 mL
10 mM	0.3566 mL	1.7831 mL	3.5662 mL
50 mM	0.0713 mL	0.3566 mL	0.7132 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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