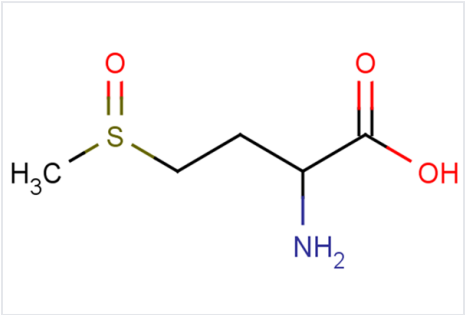
Methionine sulfoxide

PRODUCT OVERVIEW

Product Name	Methionine sulfoxide, Biochemical
Full Product Name	Methionine sulfoxide
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >= 2 years
Molecular Weight	165.21
Receptor	Human Endogenous Metabolite
Solubility	H2O: 250ug/mL (1513.23mM; Need ultrasonic)
SMILES	CS(=O)CCC(N)C(O)=O
Molecular Formula	C5H11NO3S
CAS Number	62697-73-8
Product Categories/Family for Methionine sulfoxide biochemical	Endogenous Metabolite; Proteasome/Ubiquitin
Related Product Information for Methionine sulfoxide biochemical	Methionine sulfoxide can be regarded as a biomarker of oxidative stress in vivo. Methionine sulfoxide is an oxidation product of methionine with reactive oxygen species.
Product References and Citations for Methionine sulfoxide biochemical	1.Mashima R, et al. Simultaneous determination of methionine sulfoxide and methionine in blood plasma using gas chromatography-mass spectrometry. Anal Biochem. 2003 Feb 1;313(1):28-33.
Other Notes	Small volumes of Methionine sulfoxide biochemical vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Methionine sulfoxide purchase	MBS3612364 is a biochemical targeting Methionine sulfoxide.



Chemical Structure of Methionine sulfoxide biochemical

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Methionine sulfoxide. It may not necessarily be applicable to this product.

Protein Family	Mitochondrial peptide methionine sulfoxide reductase

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