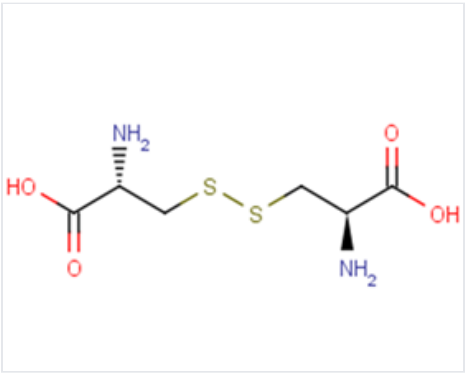
cystine

PRODUCT OVERVIEW

Product Name	cystine, Biochemical
Full Product Name	cystine
Product Synonym Names	Cystine; NSC 13203; NSC-13203
Purity/Purification	>98% (HPLC)
Preparation and Storage	Store at -20 degree C Stability: >=2 years Shipping: Ice Pack
Molecular Weight	240.29
Target	Other Targets
Receptor	Antioxidant
Chemical Name	Cystine
SMILES	C(C(C(=O)O)N)SSCC(C(=O)O)N
Molecular Formula	C6H12N2O4S2
CAS Number	56-89-3
Product Categories/Family for cystine biochemical	Others
Related Product Information for cystine biochemical	Not considered one of the 20 amino acids, Cystine is a sulfur-containing derivative obtained from oxidation of cysteine amino acid thiol side chains.
Product References and Citations for cystine biochemical	1.Ohtsu I, et al. PLoS One. 2015 Apr 2; 10 (3):e0120619.
Other Notes	Small volumes of cystine 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 cystine purchase	MBS3608822 is a biochemical targeting cystine.



Structure of cystine biochemical

ADDITIONAL DETAILS

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

Protein Family	Cystine/glutamate transporter
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Online datasheet: https://www.mybiosource.com/biochemical/cystine/3608822