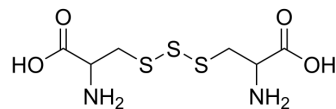


Thiocystine

Cat. No.:	HY-120446
CAS No.:	14172-54-4
Molecular Formula:	C ₆ H ₁₂ N ₂ O ₄ S ₃
Molecular Weight:	272.37
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Thiocystine is a relatively stable trisulfide analog of Cystine. Thiocystine functions as a persulfide in transferring its sulfane sulfur to thiophilic acceptors^{[1][2]}.

REFERENCES

- [1]. Abdolrasulnia, R., Wood, J.L. (1980). Biochemistry Of Thiocystine. In: Cavallini, D., Gaull, G.E., Zappia, V. (eds) Natural Sulfur Compounds. Springer, Boston, MA.
- [2]. Abdolrasulnia R, Wood J L. Persulfide properties of thiocystine and related trisulfides. Bioorganic Chemistry, 1980, 9(2): 253-260.

Caution: Product has not been fully validated for medical applications. For research use only.

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