# (RS)-Carbocisteine

**Cat. No.:** HY-D0205

**CAS No.:** 25390-17-4

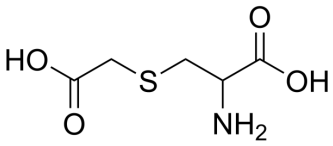
**Molecular Formula:** $C_5H_9NO_4S$

**Molecular Weight:** 179.19

**Target:** Biochemical Assay Reagents

**Pathway:** Others

**Storage:** Please store the product under the recommended conditions in the Certificate of Analysis.




## SOLVENT & SOLUBILITY

**In Vitro**

$H_2O$ : 6 mg/mL (33.48 mM; Need ultrasonic and warming)

| Preparing Stock Solutions | Solvent / Mass / Concentration | 1 mg | 5 mg | 10 mg |
|---|---|---|---|---|
| | 1 mM | 5.5807 mL | 27.9033 mL | 55.8067 mL |
| | 5 mM | 1.1161 mL | 5.5807 mL | 11.1613 mL |
| | 10 mM | 0.5581 mL | 2.7903 mL | 5.5807 mL |

Please refer to the solubility information to select the appropriate solvent.

## BIOLOGICAL ACTIVITY

**Description**

(RS)-Carbocisteine is the S-carboxymethyl cysteine with no detectable inhibitory effect. (RS)-Carbocisteine is the inactive enantiomer of Carbocisteine.

## REFERENCES

[1]. Carbone V, et al. Structure-based discovery of human L-xylulose reductase inhibitors from database screening andmolecular docking. Bioorg Med Chem. 2005 Jan 17;13(2):301-12.



Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA