
Product Data Sheet

Product Name: (RS)-Carbocysteine (S-(Carboxymethyl)-DL-cysteine)

Cat. No.: GC30737

Chemical Properties

Cas. No. 25390-17-4

SMILES NC(CSCC(O)=O)C(O)=OFormula C₅H₉NO₄S

M.Wt 179.19

Solubility Water : 6 mg/mL (33.48 mM)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(RS)-Carbocysteine is the S-carboxymethyl cysteine with no detectable inhibitory effect.

(RS)-Carbocysteine is the inactive enantiomer of Carbocysteine.

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

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

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