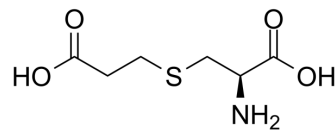


## S-(2-Carboxyethyl)-L-cysteine

Cat. No.:	HY-W141774
CAS No.:	4033-46-9
Molecular Formula:	C <sub>6</sub> H <sub>11</sub> NO <sub>4</sub> S
Molecular Weight:	193.22
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	S-(2-Carboxyethyl)-L-cysteine (S-Carboxyethylcysteine) is a non-protein (modified) sulfur amino acid. S-(2-Carboxyethyl)-L-cysteine is present in Acacia seed. S-(2-Carboxyethyl)-L-cysteine can affect the seed's protein use in rats. S-(2-Carboxyethyl)-L-cysteine suppresses the methionine-induced growth rate, and has a negative effect on the plasma amino acid levels in rats [1].
<b>In Vivo</b>	S-(2-Carboxyethyl)-L-cysteine significantly increases the plasma urea level in rats <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Falade OS, et al. S-Carboxyethylcysteine (a constituent of Acacia seed) negatively affects casein protein utilization by rats. Nutrition. 2012 Jul;28(7-8):785-92.

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

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