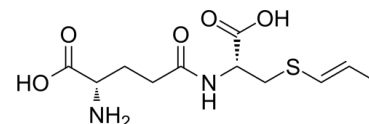


## Data Sheet

<b>Product Name:</b>	γ-Glutamyl-S-1-propenyl cysteine
<b>Cat. No.:</b>	CS-0092920
<b>CAS No.:</b>	91216-96-5
<b>Molecular Formula:</b>	C <sub>11</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> S
<b>Molecular Weight:</b>	290.34
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Solubility:</b>	H <sub>2</sub> O : 130 mg/mL (447.75 mM; Need ultrasonic); DMSO : 4.23 mg/mL (14.57 mM; Need ultrasonic)



### BIOLOGICAL ACTIVITY:

γ-Glutamyl-S-1-propenyl cysteine is a compound isolated from garlic<sup>[1]</sup>.

### References:

[1]. Nakamoto M, et al. Isolation and Identification of Three γ-Glutamyl Tripeptides and Their Putative Production Mechanism in Aged Garlic Extract. J Agric Food Chem. 2018 Mar 21;66(11):2891-2899.

### CAIndexNames:

L-Cysteine, L-γ-glutamyl-S-1-propen-1-yl-

### SMILES:

O=C(O)[C@H](CS/C=C/C)NC(CC[C@H](N)C(O)=O)=O

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

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