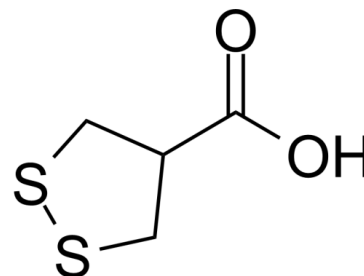


Data Sheet

| | |
|--------------------|---|
| Product Name: | Asparagusic acid |
| Cat. No.: | CS-B0536 |
| CAS No.: | 2224-02-4 |
| Molecular Formula: | C ₄ H ₆ O ₂ S ₂ |
| Molecular Weight: | 150.22 |
| Target: | Others |
| Pathway: | Others |
| Solubility: | DMSO : ≥ 46 mg/mL (306.22 mM) |



BIOLOGICAL ACTIVITY:

Asparagusic acid (1,2-dithiolane-4-carboxylic acid) is unique to asparagus. The compound is responsible for the odorous urine excreted after eating asparagus. Its derivatives ihydroasparagusic acid have anti-inflammatory effect.

PROTOCOL (Extracted from published papers and Only for reference)

References:

[1]. Mitchell SC et al. Asparagusic acid. Phytochemistry. 2014 Jan;97:5-10.

CAIndexNames:

1,2-Dithiolane-4-carboxylic acid

SMILES:

O=C(O)C1CSSC1

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

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