
Product Data Sheet

Product Name: Asparagusic acid

Cat. No.: GC30004

Chemical Properties

Cas. No. 2224-02-4

SMILES O=C(O)C1CSSC1Formula C4H6O2S2

M.Wt 150.22

Solubility DMSO : ≥ 46 mg/mL (306.22 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**

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.

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

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

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