
Product Data Sheet

Product Name: H- β -(2-Thienyl)-Ala-OH

Cat. No.: GA23060

Chemical Properties

Cas. No. 22951-96-8

Formula C₇H₉NO₂S

M.Wt 171.22

Solubility H₂O : 2 mg/mL (11.68 mM; Need ultrasonic)

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**

L- β -(2-Thienyl)-alanine (H-Thi-OH) is structurally similar to L-phenylalanine. H-Thi-OH inhibits the growth of Escherichia coli, presumably by competitive inhibition of enzymes for which Phe is the substrate.

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

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