
Product Data Sheet

Product Name: O-Succinyl-L-homoserine

Cat. No.: GC67475

Chemical Properties

Cas. No. 1492-23-5

Formula $C_8H_{13}NO_6$

M.Wt 219.19

Solubility H_2O : 17.86 mg/mL (81.48 mM; ultrasonic and warming and heat to 60°C)

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**

O-Succinyl-L-homoserine is a homoserine derivative. O-Succinyl-L-homoserine is an intermediate in the biosynthesis of methionine in *Escherichia coli* and *Salmonella typhimurium*^[1].

[1]. Huang JF, et, al. Metabolic engineering of E. coli for the production of O-succinyl-l-homoserine with high yield. 3 Biotech. 2018 Jul;8(7):310.

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

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