
Product Data Sheet

Product Name: CAPSO
Cat. No.: GC66840

Chemical Properties

Cas. No. 73463-39-5

Formula $C_9H_{19}NO_4S$

M.Wt 237.32

Solubility DMSO : 25 mg/mL (105.34 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

CAPSO is a biological zwitterionic buffer with the useful pH range from 8.9 to 10.3^[1].

[1]. Javid H, et al. Effects of halophilic peptide fusion on solubility, stability, and catalytic performance of D-phenylglycine aminotransferase. J Microbiol Biotechnol. 2014 May;24(5):597-604.

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

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