
Product Data Sheet

Product Name: HEPBS
Cat. No.: GC66481

Chemical Properties

Cas. No. 161308-36-7

Formula $C_{10}H_{22}N_2O_4S$ M.Wt 266.36

Solubility H_2O : 125 mg/mL (469.29 mM; Need ultrasonic) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

HEPBS is a zwitterionic buffering agent with a pH range (7.6-9.0) similar to that of biological systems. HEPBS can be used in the culture of cells^[1].

[1]. N Roy L, et al. Buffer Standards for the Physiological pH of N-(2-Hydroxyethyl) piperazine-N'-4-butanesulfonic Acid (HEPBS) from 5 to 55 C. The Open Electrochemistry Journal, 2012, 4(1).

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

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