
Product Data Sheet

Product Name: MOBS
Cat. No.: GC67462

Chemical Properties

Cas. No. 115724-21-5

Formula $C_8H_{17}NO_4S$ M.Wt 223.29

Solubility H_2O : 125 mg/mL (559.81 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

MOBS is an amphoteric buffer, a butane analogue of the Good buffers MOPS [3-(N-morpholino) propanesulfonic acid] and MES [2-(N-morpholino) ethanesulfonic acid]^[1].

[1]. Rabindra N. Roy, et al. Buffer Standards for the Physiological pH of Zwitterionic Compounds, MOBS and TABS from 5 to $55^{\circ}C$. Journal of Solution Chemistry volume 33, pages1199-1211.

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

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