
Product Data Sheet

Product Name: Sodium phosphate monobasic monohydrate

Cat. No.: GC64623

Chemical Properties

Cas. No. 10049-21-5

Formula H₄NaO₅P

M.Wt 137.99

Solubility H₂O : 100 mg/mL (724.69 mM; Need ultrasonic)

Storage 4°C, away from moisture

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**

Sodium phosphate monobasic monohydrate is a commonly used buffer which can be used in high-performance liquid chromatography.

[1] Buur JL, et al. J Pharm Biomed Anal. 2005 Jun 1;38(1):60-5.

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

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