
Product Data Sheet

Product Name: Cysteamine S-phosphate sodium

Cat. No.: GC67553

Chemical Properties

Cas. No. 3724-89-8

Formula $C_2H_7NNaO_3PS$ M.Wt 179.11

Solubility 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**

Cysteamine S-phosphate (Cystaphos) sodium can be hydrolyzed to Cysteamine by human alkaline phosphatases. Cysteamine is an orally active agent for the research of nephropathic cystinosis and an antioxidant^{[1][2]}.

[1]. Gainer AL, et al. Cysteamine S-phosphate hydrolysis by pure human alkaline phosphatases and by sera from patients with lymphoproliferative disorders. Cancer Res. 1982 Sep;42(9):3507-9.

[2]. Besouw M, et al. Cysteamine: an old drug with new potential. Drug Discov Today. 2013 Aug;18(15-16):785-92.

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

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