
Product Data Sheet

Product Name: Cysteamine bitartrate

Cat. No.: GC25330

Chemical Properties

Cas. No. 27761-19-9

Formula C₆H₁₃NO₆S

M.Wt 227.24

Solubility DMSO: 45 mg/mL (198.03 mM);Water: 45 mg/mL (198.03 mM);Ethanol: Insoluble

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 bitartrate (Mercaptamine bitartrate) is an FDA-approved cystine-depleting aminothioliol agent for the treatment of nephropathic cystinosis to decrease accumulation of lysosomal cystine by engaging in disulfide exchange. In addition, cysteamine bitartrate has antioxidant properties.

[1] Guha S, et al. Hum Mol Genet. 2019 Jun 1;28(11):1837-1852.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA