
Product Data Sheet

Product Name: 4-Chloro-1-naphthol

Cat. No.: GC67213

Chemical Properties

Cas. No. 604-44-4

Formula C₁₀H₇ClO M.Wt 178.62

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**

4-Chloronaphthalen-1-ol is a substrate of **horseradish peroxidase**. 4-

Chloronaphthalen-1-ol can be used to visualize protein bands in western blotting^{[1][2]}.

[1]. Elias JM, et, al. A rapid, sensitive myeloperoxidase stain using 4-chloro-1-naphthol. Am J Clin Pathol. 1980 Jun;73(6):797-9.

[2]. Hou L, et, al. Graphene oxide-labeled sandwich-type impedimetric immunoassay with sensitive enhancement based on enzymatic 4-chloro-1-naphthol oxidation. Biosens Bioelectron. 2013 Sep 15;47:149-56.

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
