
Product Data Sheet

Product Name: Amido Black 10B

Cat. No.: GC66841

Chemical Properties

Cas. No. 1064-48-8

Formula $C_{22}H_{14}N_6Na_2O_9S_2$

M.Wt 616.49

Solubility H_2O : 2 mg/mL (3.24 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**

Amido Black 10B (Naphthol Blue Black) is a highly toxic azo dye for amino acid staining. Amido Black 10B can create several problems in the human respiratory system and may also cause skin and eye irritations^[1].

[1]. Angelova R, et al. Magnetically modified sheaths of *Leptothrix* sp. as an adsorbent for Amido black 10B removal. *Journal of Magnetism and Magnetic Materials*, 2017, 427: 314-319.

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

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