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**Product Data Sheet**

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Product Name: Azomethine-H monosodium

Cat. No.: GC39733

**Chemical Properties**

Cas. No. 5941-07-1

SMILES O=S(C1=CC(O)=C2C(/N=C/C3=CC=CC=C3O)=CC(S(=O)(O)=O)=CC2=C1)(O[Na])=OFormula  $C_{17}H_{12}NNaO_8S_2$  M.Wt 445.4

Solubility DMSO: 83.33 mg/mL (187.09 mM) 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**

Azomethine-H monosodium is a colour-forming reagent. Azomethine-H monosodium is also a reagent for boron determinations[1][2].

[1]. F.J.Krug, et al. Flow injection spectrophotometric determination of boron in plant material with azomethine-H. *Analytica Chimica Acta*, 125, 29-35. [2]. Roberto R. Spencer, et al. Azomethine H colorimetric method for determining dissolved boron in water. *Environmental Science & Technology*, 13(8), 954-956.

**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