

Product Data Sheet

Product Name: Melarsoprol

Cat. No.: GC70478

Chemical Properties

Cas. No. 494-79-1

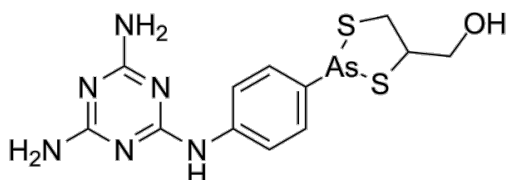
Formula $C_{12}H_{15}AsN_6OS_2$ M.Wt 398.34

Solubility DMSO : 36 mg/mL (90.38 mM; Need ultrasonic and warming; Hygroscopic
Storage -20°C
DMSO has a significant impact on the solubility of product, please use newly opened DMSO)

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

Melarsoprol, a melaminophenylarsine-type trivalent organic arsenical, is an important drug for African trypanosomiasis. Melarsoprol is also active against leukemia cell lines and plasma cells from myeloma patients. Melarsoprol increases the biliary output of GSH in rats.

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

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References:

[1]. Z Gregus, et al. Role of glutathione in the biliary excretion of the arsenical drugs trimelarsan and melarsoprol. *Biochem Pharmacol.* 2000 Jun 1;59(11):1375-85.

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