

Product Data Sheet

Product Name: Difetarsone

Cat. No.: GB62217

Chemical Properties

Cas. No. 3639-19-8

SMILES O=[As](C1=CC=C(NCCNC2=CC=C([As](O)(O)=O)C=C2)C=C1)(O)O

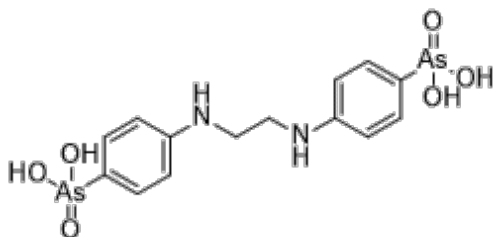
Formula C14H18As2N2O6 M.Wt 460.14

Solubility Soluble in DMSO Storage Store at -20°C

General For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT, or Condition blue ice upon request.

Structure



Background

Difetarsone is an antiprotozoal agent. Various studies have shown it to be particularly effective against *Trichuris trichiura*, commonly known as the whipworm. It has also been used to treat *Entamoeba histolytica* infections. Prior to the drug's use in the early 1970s, there were few effective treatments for this infection. Difetarsone often has minor side effects, which include rashes, nausea and vomiting. It has also resulted in angioedema in at least one known case.

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

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