

Product Data Sheet

Product Name: Dimethadione

Cat. No.: GC64759

Chemical Properties

Cas. No. 695-53-4

Formula C₅H₇NO₃

M.Wt 129.11

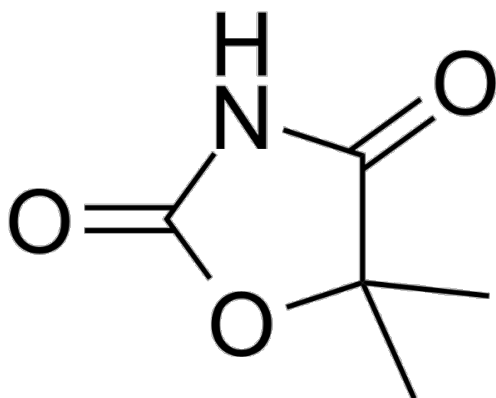
Solubility DMSO : 100 mg/mL (774.53 mM;
Need ultrasonic)

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

Dimethadione is the primary metabolite of trimethadione. Dimethadione causes depression of neuromuscular transmission. Dimethadione primarily decreases transmitter release from the nerve terminal[1].

[1]. M T Alderdice, et al. Comparison of the effects of trimethadione and its primary metabolite dimethadione on neuromuscular function and the effects of altered pH on the actions of dimethadione.

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

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