

Product Data Sheet

Product Name: Etbicyphat

Cat. No.: GC64673

Chemical Properties

Cas. No. 1005-93-2

Formula C₆H₁₁O₄P

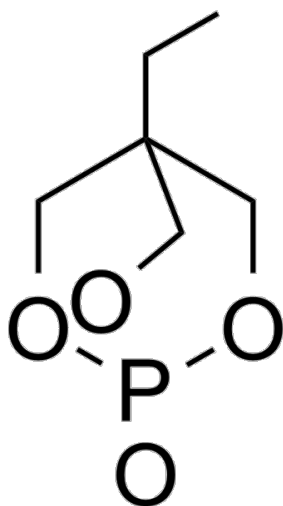
M.Wt 178.12

Solubility DMSO : ≥ 100 mg/mL (561.42 mM) Storage 4°C, protect from light

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

Structure



Background

Etbicyphat (Trimethylpropane phosphate) is a potent GABA(A) receptors competitive antagonist. Etbicyphat induces epileptiform activities in hippocampal CA1 neurons, and binds to the GABA(A)-benzodiazepine receptors[1].

[1]. Rijal SO, et al. Dissociation constants for GABA(A) receptor antagonists determined with neuronal networks on microelectrode arrays. J Neurosci Methods. 2008 Aug 30;173(2):183-92.

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

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