
Product Data Sheet

Product Name: Etidocaine hydrochloride

Cat. No.: GC65062

Chemical Properties

Cas. No. 36637-19-1

Formula C₁₇H₂₉ClN₂O

M.Wt 312.88

Solubility DMSO : 62.5 mg/mL (199.76 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

Etidocaine (hydrochloride) is a long aminoamide local anesthetic[1].

IGL-EDC formulations can induce a significant increase in human fibroblasts survival[1].

Etidocaine (spinal injection, 0.0075%, once) does not show postinjection neurologic deficit[2].

[1]. Oliveira, et al. Sustained Release from Ionic-Gradient Liposomes Significantly Decreases ETIDOCAINE Cytotoxicity. *Pharmaceutical research* vol. 35, 12 229. 10 Oct. 2018.

[2]. Langerman, L, et al. The partition coefficient as a predictor of local anesthetic potency for spinal anesthesia: evaluation of five local anesthetics in a mouse model. *Anesthesia and analgesia* vol. 79,3 (1994): 490-4.

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

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