
Product Data Sheet

Product Name: Encainide

Cat. No.: GC68017

Chemical Properties

Cas. No. 66778-36-7

Formula $C_{22}H_{28}N_2O_2$ M.Wt 352.47

Solubility DMSO : 200 mg/mL (567.42 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

Encainide (MJ9067) is an antiarrhythmic drug with class IC activity. Encainide has the potential for life-threatening ventricular arrhythmias, symptomatic ventricular arrhythmias and supraventricular arrhythmias research^[1].

Encainide (0.3, 0.9, 2.7 mg/kg; infusion of single doses) prolongs His-Purkinje conduction time (HV interval) and intra-ventricular conduction time (QRS duration) but has no effect on sinus nodal recovery time or AV nodal conduction, or on refractoriness of atrium, AV node, or ventricular myocardium or on QT interval^[1].

[1]. R N Brogden, et al. Encainide. A review of its pharmacological properties and therapeutic efficacy. *Drugs*. 1987 Nov;34(5):519-38.

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

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