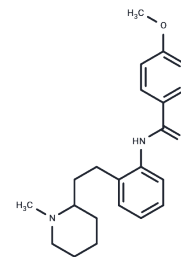


## Encainide

## Chemical Properties

CAS No. :	66778-36-7
Formula:	C <sub>22</sub> H <sub>28</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	352.478
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Encainide (MJ9067), a class IC antiarrhythmic drug, holds potential for research into life-threatening and symptomatic ventricular arrhythmias as well as supraventricular arrhythmias.
Targets(IC50)	Others,Sodium Channel
In vivo	Encainide, administered in single doses via infusion at 0.3, 0.9, and 2.7 mg/kg, extends the His-Purkinje conduction time (HV interval) and intra-ventricular conduction time (QRS duration). However, it does not influence the sinus nodal recovery time or the AV nodal conduction. Additionally, it does not affect the refractoriness of the atrium, AV node, or ventricular myocardium, nor does it impact the QT interval[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.837 mL	14.1852 mL	28.3704 mL
5 mM	0.5674 mL	2.837 mL	5.6741 mL
10 mM	0.2837 mL	1.4185 mL	2.837 mL
50 mM	0.0567 mL	0.2837 mL	0.5674 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

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

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481