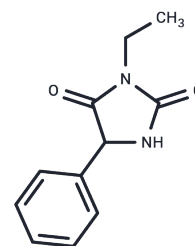


## ETHOTOIN

## Chemical Properties

CAS No. :	86-35-1
Formula:	C <sub>11</sub> H <sub>12</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	204.23
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	Ethotoin (Peganone), an orally active anticonvulsant agent utilized in epilepsy research, is a hydantoin derivative analogous to phenytoin [1].
Targets(IC50)	Others,Sodium Channel
In vivo	Administering Ethotoin via oral gavage at a dosage of 600 mg/kg to pregnant Sprague-Dawley CD rats on gestational day 18 resulted in a preweaning mortality rate of 2.0% and a 6.6% reduction in offspring weight compared to controls, indicating mild mortality and weight loss in the offspring [2].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8964 mL	24.4822 mL	48.9644 mL
5 mM	0.9793 mL	4.8964 mL	9.7929 mL
10 mM	0.4896 mL	2.4482 mL	4.8964 mL
50 mM	0.0979 mL	0.4896 mL	0.9793 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.

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

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