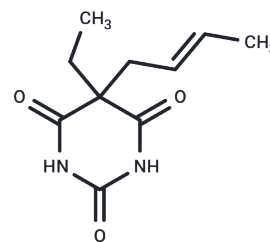


(E)-Crotylbarbital

Chemical Properties

CAS No. :	28360-89-6
Formula:	C ₁₀ H ₁₄ N ₂ O ₃
Molecular Weight:	210.23
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(E)-Crotylbarbital (Kalypnon), an isomer of Crotylbarbital, is a barbiturate derivative that has sedative, hypnotic, and anticonvulsant effects. (E)-Crotylbarbital can be used in studies to promote mental stability and sleep.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 25 mg/mL (118.92 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7567 mL	23.7835 mL	47.567 mL
5 mM	0.9513 mL	4.7567 mL	9.5134 mL
10 mM	0.4757 mL	2.3783 mL	4.7567 mL
50 mM	0.0951 mL	0.4757 mL	0.9513 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.

Reference

Aĭrapetiants MG, et al. Peptidnaia terapiia rasstroĭstv sna u nevrofizirovannykh krys [Peptide therapy of sleep disorders in neurotic rats]. Zh Vyssh Nerv Deiat Im I P Pavlova. 1983;33(3):493-499.

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