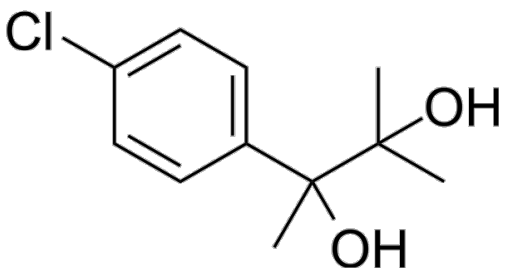
Product Data Sheet

Product Name: Phenaglycodol
Cat. No.: GC70247

Chemical Properties

Cas. No.	79-93-6		
Formula	$C_{11}H_{15}ClO_2$	M.Wt	214.69
Solubility		Storage	
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

Phenaglycodol belongs to the group of butanediolsa with anxiolytic and anticonvulsant porperties. Phenaglycodol has orally bioactivity.

Phenaglycodol (20 mg/kg, i.p.,1 time) has antiepileptic activity in cat [1].

Caution: Product has not been fully validated for medical applications. For research use only.
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Phenaglycodol (55-80 mg/kg, i.p., 1 time) has antiepileptic activity in mice [1].

Phenaglycodol (50-100 mg/kg, i.g., 1 time) has antiepileptic activity in monkey [1].

Phenaglycodol (130mg/kg, i.p., 1 time) lowers the concentration of Meprobamate in serum and brain[2].

References:

[1]. G T JONES, et al. Mode of action of phenaglycodol, a new neurosedative agent. Proc Soc Exp Biol Med. 1956 Dec;93(3):528-31.

[2]. R. KATO, et al. Induced Increase o f M eprobam ate M etabolism in R ats T reated w ith P hénobarbital or Phenaglycodol. Pharmacology (1970) 3 (2): 95–100.

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