

## 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

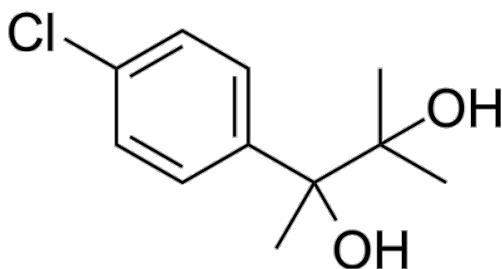
Solubility

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 butanediols with anxiolytic and anticonvulsant properties. 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 of Meprobamate Metabolism in Rats Treated with Phenobarbital or Phenaglycodol. Pharmacology (1970) 3 (2): 95–100.

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