
Product Data Sheet

Product Name: Anticonvulsant agent 2

Cat. No.: GC68670

Chemical Properties

Cas. No. 75220-84-7

Formula $C_{21}H_{17}ClN_2$

M.Wt 332.83

Solubility DMSO : 125 mg/mL (375.57 mM; ultrasonic and warming and heat to 60°C)

Storage Store at -20°C

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**

Anticonvulsant agent 2 is a potent and orally active anticonvulsant agent.

Anticonvulsant agent 2 shows antiepileptic activity^[1].

Anticonvulsant agent 2 (compound 10 a; 50 mg/kg, p.o.) ^[1]

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Animal Model: 180-250g, male Wistar rats^[1]

Dosage: 50 mg/kg

Administration: P.o.

Result: Showed antiepileptic activity with the inhibition rate of 24.45%.

[1]. Verma R, et al. Design, synthesis and neuropharmacological evaluation of new 2,4-disubstituted-1,5-benzodiazepines as CNS active agents. Bioorg Chem. 2020 Aug;101:104010.

Caution: Product has not been fully validated for medical applications. For research use only.

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