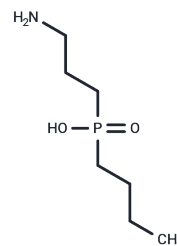


CGP 36742

Chemical Properties

CAS No. : 123690-78-8
 Formula: C₇H₁₈NO₂P
 Molecular Weight: 179.2
 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	CGP 36742 is a selective antagonist of the GABAB receptor that can penetrate the blood-brain barrier after peripheral administration (IC ₅₀ : 32 μM). It is useful in the treatment of depression.
Targets(IC ₅₀)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.5804 mL	27.9018 mL	55.8036 mL
5 mM	1.1161 mL	5.5804 mL	11.1607 mL
10 mM	0.558 mL	2.7902 mL	5.5804 mL
50 mM	0.1116 mL	0.558 mL	1.1161 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.

Reference

Nowak G, et al. Antidepressant-like activity of CGP 36742 and CGP 51176, selective GABAB receptor antagonists, in rodents. Br J Pharmacol. 2006 Nov;149(5):581-90.

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