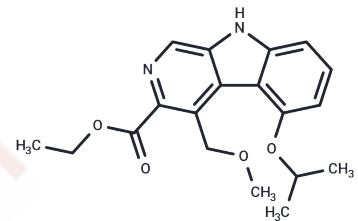


ZK-95962

Chemical Properties

CAS No. : 101071-43-6
 Formula: C₁₉H₂₂N₂O₄
 Molecular Weight: 342.39
 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	ZK-95962 is an agonist gamma-aminobutyric acid (GABA) receptor. ZK-95962 had selective effects on releasing exploratory locomotor activity suppressed by footshock (punished crossings). ZK-95962 had weak effects on the measures of anxiolytic activity. The feelings of uneasiness and myoclonic jerks, provoked by photostimulation, were also abolished by ZK-95962.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9206 mL	14.6032 mL	29.2065 mL
5 mM	0.5841 mL	2.9206 mL	5.8413 mL
10 mM	0.2921 mL	1.4603 mL	2.9206 mL
50 mM	0.0584 mL	0.2921 mL	0.5841 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

Kleven MS, Koek W. Effects of different classes of partial benzodiazepine agonists on punished and unpunished responding in pigeons. *Psychopharmacology (Berl)*. 1999 Jun;144(4):405-10. PubMed PMID: 10435414.

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Jones GH, Schneider C, Schneider HH, Seidler J, Cole BJ, Stephens DN. Comparison of several benzodiazepine receptor ligands in two models of anxiolytic activity in the mouse: an analysis based on fractional receptor occupancies. *Psychopharmacology (Berl)*. 1994 Mar;114(2):191-9. PubMed PMID: 7838907.

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