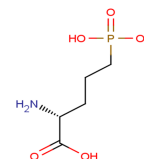


Catalog Number: CM05294

产品信息

Catalog Number:
CM05294CAS号:
79055-68-8分子式:
 $C_5H_{12}NO_5P$ 主要靶点:
NMDAR| α GluR主要通路:
离子通道|神经科学分子量:
197.13溶解度:
Ethanol:< 1 mg/mL
(insoluble), H₂O:27.78 mg/mL
(140.92 mM), Sonification is
recommended.

靶点活性

NMDA:1.4 μ M(kd)

体内活性

D-AP5 is an NMDA receptor antagonist. Chronic intraventricular injection of D-AP5 can cause dose-dependent parallel damage to spatial learning and long-term enhancement (LTP) in vivo. When preventing spatial learning, the concentration of D-AP5 in the brain cannot cause any measurable sensorimotor disturbances. Compared with the test, D-AP5 infusion will cause a gradual decrease in swimming speed. D-AP5 causes sensorimotor disturbances in space tasks, but gradually deteriorates due to the inability of animals to learn. Rats treated with D-AP5 showed spatially dependent delay-dependent defects in the delayed matching placement protocol of the water maze.

描述

D-AP5 is a NMDA receptor antagonist.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years