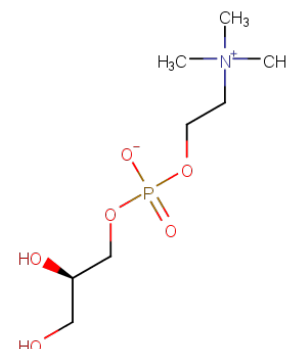


Catalog Number: CM00322

产品信息

Catalog Number:
CM00322CAS号:
28319-77-9分子式:
 $C_8H_{20}NO_6P$ 主要靶点:
Endogenous Metabolite|AChE主要通路:
神经科学|代谢分子量:
257.22
溶解度:
DMSO:10mM

描述

sn-Glycero-3-phosphocholine is a natural choline compound found in the brain and in milk. It is also a parasympathomimetic acetylcholine precursor which may have a potential for the treatment of Alzheimer's disease and dementia. sn-Glycero-3-phosphocholine rapidly delivers choline to the brain across the blood–brain barrier and is a biosynthetic precursor of the acetylcholine neurotransmitter. It is a non-prescription drug in most countries due to its Generally Recognised As Safe (GRAS) status [1]. Studies have investigated its efficacy for cognitive disorders including stroke and Alzheimer's disease. An Italian multicentre clinical trial on 2,044 patients suffering from recent stroke were supplied Glycerylphosphorylcholine in doses of 1,000 mg/day for 28 days and 400 mg three times per day for the five ensuing months. The trial confirmed the therapeutic role of alpha-GPC on the cognitive recovery of patients based on four measurement scales, three of which reached statistical significance [2].

储存

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