
PMPA

产品编号: D51153

CAS: 173039-10-6

分子式: C₆H₁₁O₇P

纯度: ≥98%

InChi: InChI=1S/C₆H₁₁O₇P/c7-5(8)2-1-4(6(9)10)3-14(11,12)13/h4H,1-3H₂, (H,7,8)(H,9,10)(H₂,11,12,13)

InChi Key: ISEYJGQFXSTPMQ-UHFFFAOYSA-N

Smiles: OC(=O)CCC(CP(O)(O)=O)C(O)=O

外观: 固体粉末

作用通路: Carboxypeptidase

溶解性: H₂O : ≥28 mg/mL (123.83 mM)

保存条件: Store in dry, dark place for one year.

产品介绍: PMPA is a NAALADase inhibitor. PMPA increases threshold for electroconvulsions and enhances the antiseizure action of valproate against maximal electroshock-induced seizures in mice. Inhibition of NAALADase by 2-PMPA attenuates cocaine-induced relapse in rats: a NAAG-mGluR2/3-mediated mechanism. PMPA attenuates magnetic resonance BOLD signals in brain of anesthetized mice: evidence of a link between neuron NAAG release and hyperemia.