

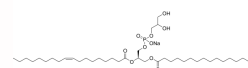
POPG sodium

Cat. No.: SN-M-LE463

Chemical Properties

Product Name	POPG sodium
Full Name	sodium 2,3-dihydroxypropyl [(2R)-3-hexadecanoyloxy-2-[(Z)-octadec-9-enoyl]oxypropyl] phosphate
Cat. No.	SN-M-LE463
CAS No.	268550-95-4
Molecular Formula	C40H76NaO10P
Molecular Weight	770.99
Appearance	固体
Storage	-20°C, sealed storage, away from moisture
Shipping	Room temperature in continental US; may vary elsewhere.
Solubility	细胞实验： DMSO 中的溶解度：18.18 mg/mL (23.58 mM; ultrasonic and adjust pH to 4 with 1 M HCl; 吸湿的 DMSO 对产品的溶解度有显著影响，请使用新开封的 DMSO) Ethanol 中的溶解度：8.33 mg/mL (10.80 mM; 超声助溶)
Purity	98+%

Structure



Biological Description

POPG (sodium) 是一种具有负电荷的磷脂。POPG (sodium) 通过改变脂质环境的电荷特性，影响膜蛋白与其他分子的相互作用。POPG (sodium) 增加 Gαq 和 Gβ1γ1 对活化的 NTS1 的表观亲和力。POPG (sodium) 可与肽的正电荷相互作用。POPG (sodium) 可用于帕金森病研究。

Related Products / Keywords

- POPG268550-95-4PG(16:0/18:1)1-Palmitoyl-2-oleoyl-sn-glycero-3-phospho-(1'-rac-glycerol)LiposomeBiochemical Assay ReagentsNeurotensin ReceptorpeptideParkinson's diseaseInhibitorinhibitorinhibit

This product is a research reagent and must not be used for clinical validation or human therapeutic use.