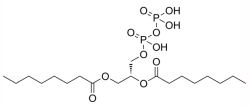
Diacylglycerol pyrophosphate

Cat. No.: **SN-M-LE633**

Chemical Properties

Product Name	Diacylglycerol pyrophosphate
Cat. No.	SN-M-LE633
CAS No.	221044-58-2
Molecular Formula	C19H38O11P2
Molecular Weight	504.45
Storage	Please store the product under the recommended conditions in the Certificate of Analysis.
Shipping	Room temperature in continental US; may vary elsewhere.
Purity	98+%

Structure



Biological Description

Diacylglycerol pyrophosphate (DGPP) 是一种存在于植物、酵母和卵菌中，但不存在于高等动物中的磷脂信号介质。Diacylglycerol pyrophosphate 可诱导 p42 和 p44 丝裂原活化蛋白激酶的磷酸化与激活、IV 型胞质磷脂酶 A2 的磷酸化，以及蛋白激酶 C 的膜转位。Diacylglycerol pyrophosphate 可刺激巨噬细胞中花生四烯酸代谢物和前列腺素的分泌，是具有促炎特性的巨噬细胞激活因子。Diacylglycerol pyrophosphate 对 Opi1p 具有亲和力，可激活磷脂酰丝氨酸合酶。Diacylglycerol pyrophosphate 可用于脂代谢相关研究。

Related Products / Keywords

- Diacylglycerol pyrophosphate221044-58-2DGPPLiposomeprotein kinase C δp42 mitogen-activated protein kinasep44 mitogen-activated protein kinaseprotein kinase C εgroup IV cytosolic phospholipase A2Lyso-PA receptor (LPA3)Opi1pmacrophagesprotein kinase C αmouse P388D1 macrophagesInhibitorinhibitorinhibit

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