

Product datasheet

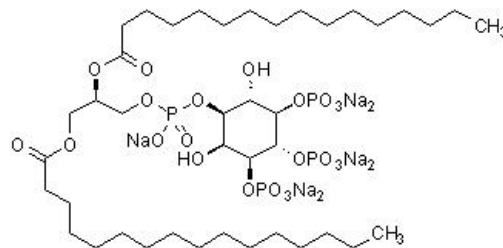
L-alpha-Phosphatidylinositol-3,4,5-trisphosphate sodium salt, PKC delta, epsilon and eta activator ab145221

1 References 1 Image

Overview

Product name	L-alpha-Phosphatidylinositol-3,4,5-trisphosphate sodium salt, PKC delta, epsilon and eta activator
Description	Ca ²⁺ -insensitive PKC δ, ε and η activator
Biological description	Activates Ca ²⁺ -insensitive PKC isotypes δ, ε and η <i>in vitro</i> . Binds to the general receptor for phosphoinositide-1 (GRP1) protein through a plekstrin homology (PH) domain.
Purity	> 98%

Chemical structure



Properties

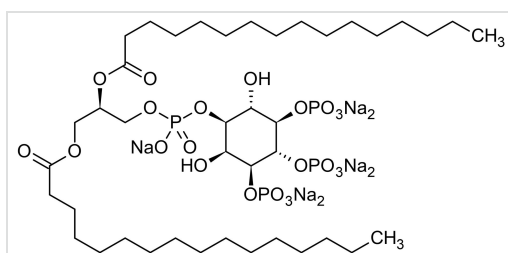
Chemical name	1,2-Dipalmitoyl- <i>sn</i> -glycero-3-phospho-1- <i>D</i> -myo-inositol-3,4,5-trisphosphate sodium salt
Molecular weight	1204.80
Molecular formula	C ₄₁ H ₇₅ Na ₇ O ₂₂ P ₄
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 5 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions

(FAQ) page for more details.

Source

Synthetic

Images



2D chemical structure image of ab145221, L-alpha-Phosphatidylinositol-3,4,5-trisphosphate sodium salt, PKC delta, epsilon and eta activator

Chemical Structure - L-alpha-Phosphatidylinositol-3,4,5-trisphosphate sodium salt, PKC delta, epsilon and eta activator (ab145221)

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