

DCP-LA

Chemical Properties

CAS No.: 28399-31-7
Formula: C₂₀H₃₆O₂
Molecular Weight: 308.5
Appearance: N/A
Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	DCP-LA (FR236924), linoleic acid derivatives, selective and direct activation of PKCε.
Targets(IC ₅₀)	PKCε: None

Solubility Information

Solubility	DMSO: 5 mg/mL (16.21 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.241 mL	16.207 mL	32.415 mL
5 mM	0.648 mL	3.241 mL	6.483 mL
10 mM	0.324 mL	1.621 mL	3.241 mL
50 mM	0.065 mL	0.324 mL	0.648 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Kanno T, et al. DCP-LA Activates Cytosolic PKCε by Interacting with the Phosphatidylserine Binding/Associating Sites Arg50 and Ile89 in the C2-Like Domain. Cell Physiol Biochem. 2015;37(1):193-200.

Inhibitors · Natural Compounds · Compound Libraries

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