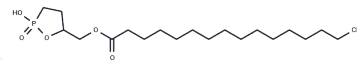


Palmitoyl 3-carbacyclic phosphatidic acid

Chemical Properties

CAS No. :	476310-22-2
Formula:	C20H39O5P
Molecular Weight:	390.49
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Palmitoyl 3-carbacyclic phosphatidic acid, a palmitoylated Carba-like cyclophosphatidic acid and LPA (lysophosphatidic acid) analog, possesses distinct biological activities compared to LPA, including the inhibition of RhoA activation and melanoma cell migration. This compound has demonstrated efficacy in inhibiting experimental lung metastasis and reducing tumor nodule counts in a B16-F0 xenograft mouse model [1].
Targets(IC50)	Others,LPL Receptor,ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5609 mL	12.8044 mL	25.6089 mL
5 mM	0.5122 mL	2.5609 mL	5.1218 mL
10 mM	0.2561 mL	1.2804 mL	2.5609 mL
50 mM	0.0512 mL	0.2561 mL	0.5122 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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