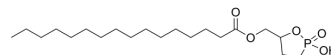


Palmitoyl 3-carbacyclic phosphatidic acid

Cat. No.:	HY-139061
CAS No.:	476310-22-2
Molecular Formula:	C ₂₀ H ₃₉ O ₅ P
Molecular Weight:	390.49
Target:	LPL Receptor; ROCK
Pathway:	GPCR/G Protein; Cell Cycle/DNA Damage; Cytoskeleton; Stem Cell/Wnt; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Palmitoyl 3-carbacyclic phosphatidic acid (HY-139061) is a palmitoylated Carba-like cyclophosphatidic acid and an analog of lysophosphatidic acid (LPA). Palmitoyl 3-carbacyclic phosphatidic acid has different functions from LPA and can inhibit the activation of RhoA and inhibit the migration of melanoma cells. Palmitoyl 3-carbacyclic phosphatidic acid effectively inhibited experimental lung metastasis and reduced the number of tumor nodules in a B16-F0 xenograft mouse model^[1].

REFERENCES

[1]. Uchiyama A, et al. Inhibition of transcellular tumor cell migration and metastasis by novel carba-derivatives of cyclic phosphatidic acid. *Biochim Biophys Acta*. 2007 Jan;1771(1):103-12.

Caution: Product has not been fully validated for medical applications. For research use only.

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