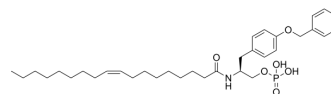


## VPC12249

Cat. No.:	HY-129808
CAS No.:	403520-23-0
Molecular Formula:	C <sub>34</sub> H <sub>52</sub> NO <sub>6</sub> P
Molecular Weight:	601.75
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

VPC12249 is a competitive dual LPA1/LPA3 antagonist with  $K_i$  values of 137nM and 428 nM, respectively. VPC12249 inhibits calcium mobilization in HEK293T cells with a  $K_i$  value of ~130 nM. VPC12249 is promising for research of ovarian cancer and hypertensive diseases<sup>[1]</sup>.

## REFERENCES

[1]. Heise CE, et al. Activity of 2-substituted lysophosphatidic acid (LPA) analogs at LPA receptors: discovery of a LPA1/LPA3 receptor antagonist. Mol Pharmacol. 2001 Dec;60(6):1173-80.

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

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