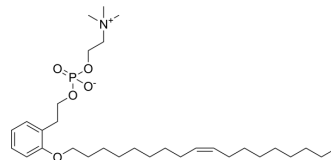


## 2-Oleoxyphenethyl phosphocholin

Cat. No.:	HY-163115
CAS No.:	2170888-41-0
Molecular Formula:	C <sub>31</sub> H <sub>56</sub> NO <sub>5</sub> P
Molecular Weight:	553.75
Target:	p38 MAPK
Pathway:	MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

2-Oleoxyphenethyl phosphocholin (compound 1b) is a p38 MAPK inhibitor with anticancer activity. 2-Oleoxyphenethyl phosphocholin may bind to the p38 MAPK lipid-binding pocket and has broad-spectrum anti-tumor and lipid-modulating activities<sup>[1]</sup>.

### REFERENCES

[1]. Hassan AHE, et al. Design, synthesis, and study of novel phenethyl-based antitumor phospholipids downregulating p38 mitogen-activated protein kinase. *J Enzyme Inhib Med Chem.* 2023 Dec;38(1):2217695.

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

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