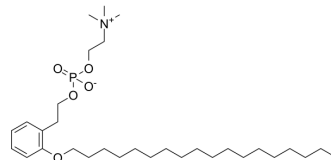


2-Stearoxyphenethyl phosphocholin

Cat. No.:	HY-163114
CAS No.:	2170888-39-6
Molecular Formula:	C ₃₁ H ₅₈ NO ₅ P
Molecular Weight:	555.77
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-Stearoxyphenethyl phosphocholin (compound 1a) is a p38 MAPK inhibitor with anticancer activity. 2-Stearoxyphenethyl phosphocholin may bind to the p38 MAPK lipid-binding pocket and has broad-spectrum anti-tumor and lipid-modulating activities^[1].

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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA