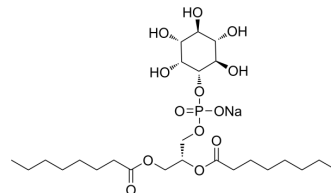


Phosphatidylinositol-1,2-dioctanoyl sodium

Cat. No.:	HY-W854295
CAS No.:	899827-36-2
Molecular Formula:	C ₂₅ H ₄₆ NaO ₁₃ P
Molecular Weight:	608.59
Target:	P-glycoprotein; P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Phosphatidylinositol-1,2-dioctanoyl sodium significantly inhibits transmembrane P-gp transport in a reproducible, cell line-independent, and substrate-independent manner. Phosphatidylinositol-1,2-dioctanoyl sodium plays an important role in signal transduction and cell movement^[1].

REFERENCES

- [1]. Lucas X, et al. Discovery of the inhibitory effect of a phosphatidylinositol derivative on P-glycoprotein by virtual screening followed by in vitro cellular studies. PLoS One. 2013 Apr 9;8(4):e60679.
- [2]. Lucas X, et al. Discovery of the inhibitory effect of a phosphatidylinositol derivative on P-glycoprotein by virtual screening followed by in vitro cellular studies. PLoS One. 2013 Apr 9;8(4):e60679.

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