



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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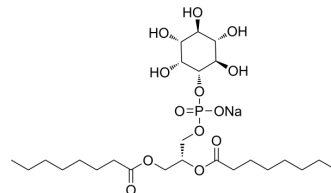
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## Phosphatidylinositol-1,2-dioctanoyl sodium

Cat. No.:	HY-W854295
CAS No.:	899827-36-2
Molecular Formula:	C <sub>25</sub> H <sub>46</sub> NaO <sub>13</sub> 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<sup>[1]</sup>.

### 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.**

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