



# 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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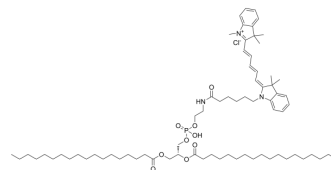
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## Cy5-DSPE chloride

**Cat. No.:** HY-D2100B  
**Molecular Formula:** C<sub>73</sub>H<sub>119</sub>ClN<sub>3</sub>O<sub>9</sub>P  
**Molecular Weight:** 1249.17  
**Target:** Fluorescent Dye  
**Pathway:** Others  
**Storage:** -20°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

Ethanol : 10 mg/mL (8.01 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.8005 mL	4.0027 mL	8.0053 mL
	5 mM		0.1601 mL	0.8005 mL	1.6011 mL
	10 mM		---	---	---

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Cy5-DSPE chloride is a fluorescent phospholipid<sup>[1]</sup>.

### REFERENCES

[1]. Wang G, et al. Liposomal Extravasation and Accumulation in Tumors as Studied by Fluorescence Microscopy and Imaging Depend on the Fluorescent Label. ACS Nano. 2021 Jul 27;15(7):11880-11890.

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

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