



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

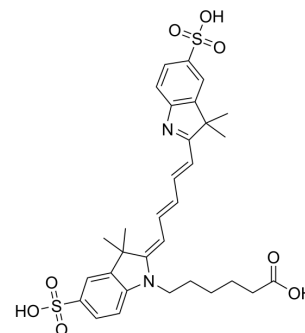
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## CypHer 5

Cat. No.:	HY-D1563
CAS No.:	312961-83-4
Molecular Formula:	C <sub>31</sub> H <sub>36</sub> N <sub>2</sub> O <sub>8</sub> S <sub>2</sub>
Molecular Weight:	628.76
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

CypHer 5 is a pH-sensitive cyanine derivative and an environmental sensitive fluorophore. CypHer 5 has a pH-sensitive maximal absorption at 644 nm and emission at 664 nm. CypHer 5 has been used as a pH sensor of lysosomal compartments [1].

### REFERENCES

[1]. Patrick MJ, et al. Intracellular pH measurements using perfluorocarbon nanoemulsions. J Am Chem Soc. 2013 Dec 11;135(49):18445-57.

**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