



# 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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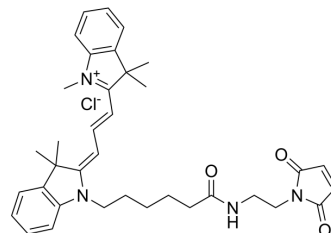
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## Cy3 maleimide chloride

<b>Cat. No.:</b>	HY-D1871
<b>CAS No.:</b>	1838643-41-6
<b>Molecular Formula:</b>	C <sub>36</sub> H <sub>43</sub> ClN <sub>4</sub> O <sub>3</sub>
<b>Molecular Weight:</b>	615.2
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cy3 maleimide chloride is a dye derivative of Cyanine 3 (Cy3) (HY-D0822) containing maleimide functional groups. Cy3 is a fluorescent dye with a fluorescence spectrum typically in the green to orange wavelength range. The alkyne functional group of Cy3 maleimide chloride can undergo a "thiol-acrylamide" reaction with molecules containing sulfur-oxygen functional groups to form covalent bonds. Cy3 maleimide chloride can bind to biological molecules such as proteins and antibodies to track their location and dynamic changes in biological samples.

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

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