



# 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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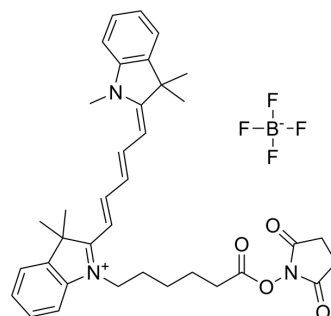
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## Cyanine 5 NHS ester tetrafluoroborate

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-134620                                                                                 |
| CAS No.:           | 1263093-76-0                                                                              |
| Molecular Formula: | C <sub>36</sub> H <sub>42</sub> BF <sub>4</sub> N <sub>3</sub> O <sub>4</sub>             |
| Molecular Weight:  | 667.54                                                                                    |
| Target:            | Fluorescent Dye                                                                           |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

#### Description

Cyanine 5 NHS ester tetrafluoroborate (Compound Cy5) is a cyanine dye that is used to in fluorescence detection of macromolecules. Cyanine 5 NHS ester tetrafluoroborate exhibits an excitation wavelength of 638 nm<sup>[1]</sup>.

### REFERENCES

[1]. Kang J, et al., Prevention of H-aggregates formation in Cy5 labeled macromolecules[J]. International Journal of Polymer Science, 2010, 2010(1): 264781.

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

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