



# 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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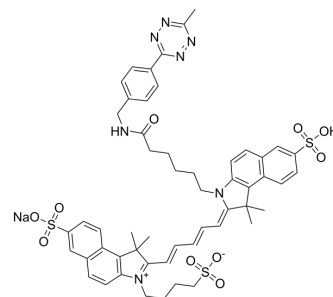
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## Sulfo Cy5-tetrazine sodium

|                           |                                                                                           |
|---------------------------|-------------------------------------------------------------------------------------------|
| <b>Cat. No.:</b>          | HY-D1482A                                                                                 |
| <b>Molecular Formula:</b> | C <sub>53</sub> H <sub>56</sub> N <sub>7</sub> NaO <sub>10</sub> S <sub>3</sub>           |
| <b>Molecular Weight:</b>  | 1070.24                                                                                   |
| <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

Sulfo Cy5-tetrazine sodium is a tetrazine-coupled Cy5 (HY-D0821) derivative dye with fluorescence properties similar to CY5 (Ex/Em=633/647 nm). Sulfo-Cy5-tetrazine sodium is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (iEDDA) with molecules containing TCO groups<sup>[1]</sup>.

### REFERENCES

[1]. Peuler K, et al. Clickable modular polysaccharide nanoparticles for selective cell-targeting. Carbohydr Polym. 2020 Apr 15;234:115901.

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

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