



# 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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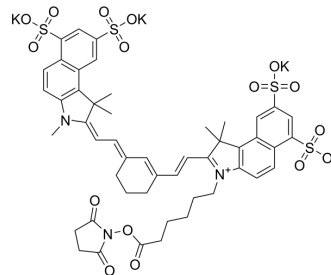
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## Sulfo-Cy7.5 NHS ester tripotassium

Cat. No.:	HY-D1568A
Molecular Formula:	C <sub>49</sub> H <sub>48</sub> K <sub>3</sub> N <sub>3</sub> O <sub>16</sub> S <sub>4</sub>
Molecular Weight:	1180.47
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)



### BIOLOGICAL ACTIVITY

#### Description

Sulfo-Cy7.5 NHS ester tripotassium is a near infrared water soluble hydrophilic dye, also is an NHS ester for the modification of amine groups. Sulfo-Cy7.5 NHS ester tripotassium contains a trimethylene bridge and has a linker arm for its attachment to proteins, peptides, and other molecules. Sulfo-Cy7.5 NHS ester tripotassium can be used for the research of NIR imaging applications<sup>[1]</sup>.

### REFERENCES

[1]. Pavel N Melentiev, et al. Ultrafast, Ultrasensitive Detection and Imaging of Single Cardiac Troponin-T Molecules. ACS Sens. 2020 Nov 25;5(11):3576-3583.

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

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