



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

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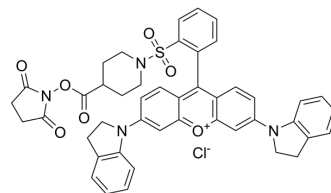
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QSY 21 NHS

Cat. No.:	HY-D2365
CAS No.:	304014-13-9
Molecular Formula:	C ₄₅ H ₃₉ ClN ₄ O ₇ S
Molecular Weight:	815.33
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

QSY 21 NHS, a dark quencher is an efficient energy transfer acceptor of the far red and NIR fluorescent probes. QSY 21 NHS works in the wavelength range of 540-750 nm, and is frequently used in FRET applications. QSY 21 NHS does not emit fluorescence in normal conditions. NHS esters can be used to label the primary amines (R-NH₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules^[1].

REFERENCES

[1]. Kabelác M, et al. A comparative study of the binding of QSY 21 and Rhodamine 6G fluorescence probes to DNA: structure and dynamics. *Phys Chem Chem Phys*. 2010 Sep 7;12(33):9677-84.

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

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