



# 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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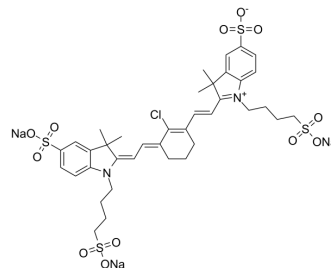
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## S0456

Cat. No.:	HY-D1716
CAS No.:	1252007-83-2
Molecular Formula:	C <sub>38</sub> H <sub>44</sub> ClN <sub>2</sub> Na <sub>3</sub> O <sub>12</sub> S <sub>4</sub>
Molecular Weight:	953.44
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



## BIOLOGICAL ACTIVITY

### Description

S0456 is a near-infrared (NIR) fluorescent dye that can be used for synthesize Pafolacianine (HY-139579). S0456 binds to the folate receptor (FR). S0456 can be used as a tumor-specific optical imaging agent. The excitation wavelength is 788 nM and emission wavelength is 800 nM<sup>[1]</sup>.

## REFERENCES

[1]. Mahalingam SM, et al. Evaluation of Novel Tumor-Targeted Near-Infrared Probe for Fluorescence-Guided Surgery of Cancer. J Med Chem. 2018 Nov 8;61(21):9637-9646.

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

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