



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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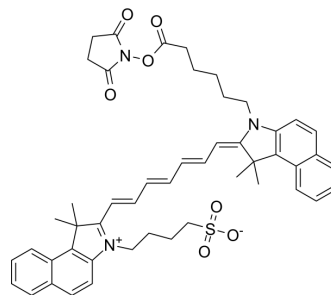
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ICG-OSu

Cat. No.:	HY-D1041
CAS No.:	1622335-40-3
Molecular Formula:	C ₄₉ H ₅₃ N ₃ O ₇ S
Molecular Weight:	828.03
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 25 mg/mL (30.19 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.2077 mL	6.0384 mL	12.0769 mL
5 mM	0.2415 mL	1.2077 mL	2.4154 mL
10 mM	0.1208 mL	0.6038 mL	1.2077 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

ICG-OSu (ICG NHS ester) is a near-infrared fluorescent agent ICG derivative. ICG-OSu is amine-reactive and has been widely used to design in vivo imaging probes^[1].

REFERENCES

[1]. Zhou Y, et al. A Novel Near-Infrared Fluorescent Probe TMTP1-PEG4-ICG for in Vivo Tumor Imaging. *Bioconjug Chem.* 2018;29(12):4119-4126.

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

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