



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

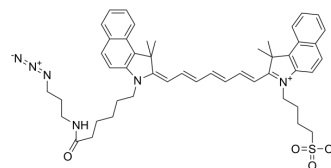
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

ICG-azide

Cat. No.:	HY-W879007
Molecular Formula:	C ₄₈ H ₅₆ N ₆ O ₄ S
Molecular Weight:	813.06
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

ICG-azide, a near infrared (NIR) fluorescent dye, is a copper (I)-catalyzed azide-alkyne cycloaddition (CuAAC) reagent. ICG-azide can be readily incorporated into dye-stabilized nanoemulsions and facilitate the attachment of targeting ligands via click-chemistry in a simple, scalable, and reproducible reaction^[1].

REFERENCES

[1]. Amirshaghghi A, et, al. Site-Specific Labeling of Cyanine and Porphyrin Dye-Stabilized Nanoemulsions with Affibodies for Cellular Targeting. *J Am Chem Soc.* 2018 Oct 24;140(42):13550-13553.

[2]. Singh S, et, al. Size-tunable ICG-based contrast agent platform for targeted near-infrared photoacoustic imaging. *Photoacoustics.* 2022 Dec 11;29:100437.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA