



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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

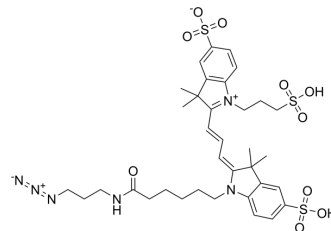
mail@szabo-scandic.com

www.szabo-scandic.com

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

Sulfo-Cy3 Azide

Cat. No.:	HY-151710
CAS No.:	1801695-56-6
Molecular Formula:	C ₃₅ H ₄₆ N ₆ O ₁₀ S ₃
Molecular Weight:	806.97
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfo-Cy3 Azide is a water-soluble fluorogenic dye containing an azide group, which enables Click Chemistry. Sulfo-Cy3 Azide can be used for the labeling of sensitive molecules such as proteins^{[1][2]}. It contains an azide group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing alkyne groups. It can also undergo ring strain-promoted alkyne-azide cycloaddition (SPAAC) with molecules containing DBCO or BCN groups.

REFERENCES

- [1]. Luo Q, et al. Dinitroimidazoles as bifunctional bioconjugation reagents for protein functionalization and peptide macrocyclization. *Nat Commun.* 2019 Jan 11;10(1):142.
- [2]. Syga Ł, et al. A Trifunctional Linker for Palmitoylation and Peptide and Protein Localization in Biological Membranes. *ChemBiochem.* 2020 May 4;21(9):1320-1328.

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