



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

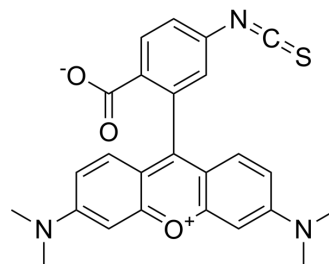
mail@szabo-scandic.com

www.szabo-scandic.com

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

6-TRITC

Cat. No.:	HY-D0154
CAS No.:	80724-20-5
Molecular Formula:	C ₂₅ H ₂₁ N ₃ O ₃ S
Molecular Weight:	443.52
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6-TRITC (Tetramethylrhodamine-6-isothiocyanate) is a potent fluorescent tracer. 6-TRITC can be used as a probe for haptenated proteins/peptides for the research of contact allergy. 6-TRITC can be used as a tracer for the confocal imaging in living cells ^{[1][2]} .
In Vitro	6-TRITC is relatively photostable and robust toward pH changes ^[1] . 6-TRITC as an extreme sensitizer induces a massive cell proliferation and gave an EC3 value of 0.92 mM (0.040%) in the murine LLNA (local lymph node assay) ^[1] . 6-TRITC (1.0 mg; 2h) can be used as a fluorescence probe for confocal imaging in Fe3O4@PDA incubated living cells ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Karlsson I, et al. Peptide Reactivity of Isothiocyanates--Implications for Skin Allergy. *Sci Rep.* 2016 Feb 17;6:21203.

[2]. Yue Q, et al. A versatile ethanol-mediated polymerization of dopamine for efficient surface modification and the construction of functional core-shell nanostructures. *J Mater Chem B.* 2013 Nov 28;1(44):6085-6093.

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