



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

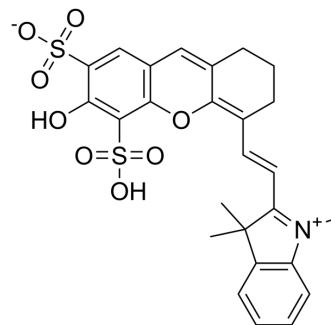
mail@szabo-scandic.com

www.szabo-scandic.com

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

NIR dye-1

Cat. No.:	HY-D1067
CAS No.:	1392488-07-1
Molecular Formula:	C ₂₆ H ₂₅ NO ₈ S ₂
Molecular Weight:	543.61
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	NIR dye-1 (Compound 1h) is a near-infrared (NIR) fluorescent dye. NIR dye-1 has absorption and emission in the NIR region, while retaining an optically tunable hydroxyl group ^[1] .
In Vitro	To demonstrate the feasibility of developing water-soluble NIR dyes, NIR dye-1 (Compound 1h) is further synthesized, which bears several water-soluble groups. As expected, dye NIR dye-1 (Compound 1h) is soluble in pure PBS and newborn calf serum (without addition of any co-organic solvent) with a solubility of at least 2 mM in PBS and 3 mM in newborn calf serum ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yuan L, et al. A unique approach to development of near-infrared fluorescent sensors for in vivo imaging. J Am Chem Soc. 2012 Aug 15;134(32):13510-23.

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