



# 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

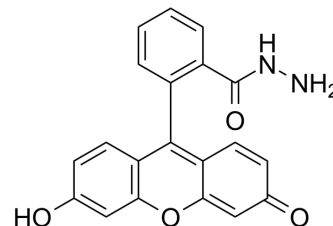
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Fluorescein hydrazide

<b>Cat. No.:</b>	HY-151644
<b>CAS No.:</b>	78044-20-9
<b>Molecular Formula:</b>	C <sub>20</sub> H <sub>14</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight:</b>	346.34
<b>Target:</b>	Fluorescent Dye
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Fluorescein hydrazide is a colorimetric probe formed by the reaction of dihydrazine adipate with fluorescein isothiocyanate. Fluorescein hydrazide can be used to label aldehyde and ketone groups<sup>[1][2]</sup>.

### REFERENCES

[1]. Yusha Feng, et al. A novel "turn-on" thioxofluorescein-based colorimetric and fluorescent sensor for Hg<sup>2+</sup> and its application in living cells. *Talanta*. 2017 Aug 1;170:103-110.

[2]. Xie Zhihui, et al. Sensitive colorimetric and fluorescent detection of mercury using fluorescein derivatives. *Open Journal of Applied Biosensor*. Volume: 1. Issue: 3. Pages: 44-52, 9 pp. Journal. 2012.

**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](mailto:tech@MedChemExpress.com)

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