



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 Handels GmbH

Quellenstraße 110, A-1100 Wien

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

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

mail@szabo-scandic.com

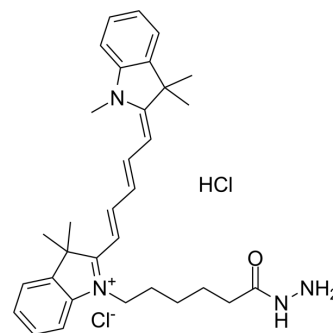
www.szabo-scandic.com

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



Cy 5 hydrazide

Cat. No.:	HY-137100
CAS No.:	1427705-31-4
Molecular Formula:	C ₃₂ H ₄₂ Cl ₂ N ₄ O
Molecular Weight:	569.61
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



BIOLOGICAL ACTIVITY

Description	Cy 5 hydrazide (Cyanine5 hydrazide) is a fluorescent dye for aldehydes and ketones. Cy 5 hydrazide can be used for labeling proteins ^[1] .
In Vitro	Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs). Cell viability assay^[1]: 1. Add Cy 5 hydrazide to each sample at 25°C for 1 h to label sample. 2. Remove salts and unbound fluorescent dye by the trichloroacetic acid (TCA) sodium deoxycholate (DOC) or acetone method. 3. Measure fluorescence intensity (Ex=640 nm, Em=660 nm). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Yoshimura T, et al. A novel procedure for the assessment of the antioxidant capacity of food components. Anal Biochem. 2016 Aug 15;507:7-12.

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