



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

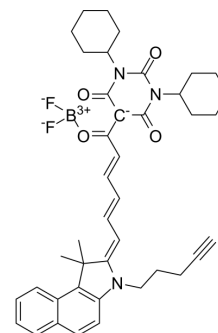
mail@szabo-scandic.com

www.szabo-scandic.com

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

SMCy5.5

Cat. No.:	HY-139337
CAS No.:	2417507-09-4
Molecular Formula:	C ₄₁ H ₄₆ BF ₂ N ₃ O ₄
Molecular Weight:	693.63
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

SMCy5.5 is an SMCy dye used for lipid droplet labeling with a very high two-photon absorption cross-section. SMCy, unlike the well-known lipid droplet marker Nile Red, has narrow absorption and emission bands in visible light, allowing for multicolor imaging. SMCy is shown to be compatible with fixation, producing high-quality 3D images of lipid droplets in cells and tissues. The high brightness of SMCy5.5 enables efficient tracking and imaging of lipid droplet exchange between adipocytes^[1].

REFERENCES

[1]. Collot M, et al. Ultrabright and Fluorogenic Probes for Multicolor Imaging and Tracking of Lipid Droplets in Cells and Tissues. J Am Chem Soc. 2018 Apr 25;140(16):5401-5411.

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