



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

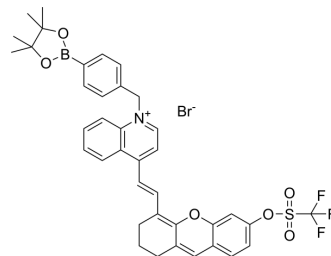
mail@szabo-scandic.com

www.szabo-scandic.com

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

DHX-SP

Cat. No.:	HY-161502
Molecular Formula:	C ₃₈ H ₃₆ BBrF ₃ NO ₆ S
Molecular Weight:	782.47
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DHX-SP is a fluorescent probe, which visualizes superoxide anion (O ₂ ⁻) and peroxynitrite (ONOO ⁻) during ferroptosis of PC12 cells and in the Parkinson's disease model ^[1] .
In Vitro	DHX-SP preincubates with superoxide anion (O ₂ ⁻), reveals red fluorescence, with an excitation maximum of 560 nm and an emission maximum of 710 nm; preincubates with superoxide anion (O ₂ ⁻) and peroxynitrite (ONOO ⁻), reveals green fluorescence, with an excitation maximum of 470 nm and an emission maximum of 560 nm ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Li Y, et al., A Sequentially Activated Probe for Imaging of Superoxide Anion and Peroxynitrite in PC12 Cells under Oxidative Stress. *Anal Chem.* 2024 May 7;96(18):7138-7144.

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