



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

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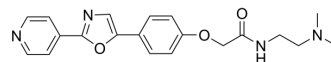
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LysoSensor PDMPO

Cat. No.:	HY-D1445
Molecular Formula:	C ₂₀ H ₂₂ N ₄ O ₃
Molecular Weight:	366.41
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

PDMPO, a lysosome pH indicator, is an excellent fluorescent acidotropic reagent for fluorescence imaging. PDMPO is a potent tool with which to study acidic organelles of live cells. PDMPO exhibits pH-dependent dual-excitation and dual-emission spectral peaks. PDMPO produces a blue fluorescence in weakly acidic organelles and shifts to yellow in more acidic lysosomes (Abs=329 nm; Em=440 nm)^[1].

REFERENCES

[1]. L V Albrecht, et al. Protocol for Probing Regulated Lysosomal Activity and Function in Living Cells. STAR Protoc. 2020 Oct 17;1(3):100132.

Caution: Product has not been fully validated for medical applications. For research use only.

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