



# 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

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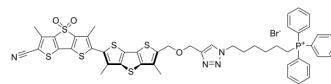
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## Mito Flipper-TR 27

<b>Cat. No.:</b>	HY-D2319
<b>CAS No.:</b>	2334078-40-7
<b>Molecular Formula:</b>	C <sub>49</sub> H <sub>44</sub> BrN <sub>4</sub> O <sub>3</sub> PS <sub>6</sub>
<b>Molecular Weight:</b>	1040.17
<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

Mito Flipper-TR 27 is a fluorescent probe for measuring membrane tension in living cells. Mito Flipper-TR 27 accumulates in mitochondria because the strong internal negative membrane potential drives the permanent hydrophobic triphenylphosphine cation across the inner membrane and prevents its release, thus enabling it to be used for tracking mitochondria<sup>[1]</sup>.

### REFERENCES

[1]. Chen XX, et al. Fluorescent Flippers: Small-Molecule Probes to Image Membrane Tension in Living Systems. *Angew Chem Int Ed Engl.* 2023;62(20):e202217868.

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

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