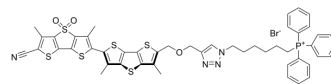


Mito Flipper-TR 27

Cat. No.:	HY-D2319
CAS No.:	2334078-40-7
Molecular Formula:	C ₄₉ H ₄₄ BrN ₄ O ₃ PS ₆
Molecular Weight:	1040.17
Target:	Fluorescent Dye
Pathway:	Others
Storage:	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^[1].

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.

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