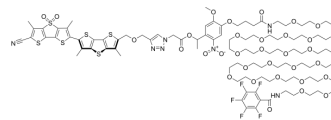


ER PhotoFlipper 32

| | |
|--------------------|---|
| Cat. No.: | HY-D2323 |
| Molecular Formula: | C ₉₅ H ₁₃₂ F ₅ N ₇ O ₃₄ S ₆ |
| Molecular Weight: | 2203.47 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

ER-PhotoFlipper 32 is a ER tracker. ER-PhotoFlipper 32 can selectively label the inner leaflet of the plasma membrane with Flipper-TR 5 (HY-D2318). The ER-tracker attaches the PhotoFlipper covalently to the outer surface of the ER. ER-PhotoFlipper 32 can be applied to access plasma membrane asymmetry^[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 May 8;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