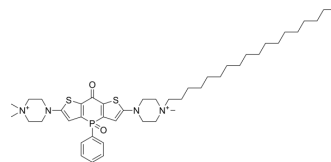


Mem-C1C18

Cat. No.:	HY-149028
Molecular Formula:	C ₄₄ H ₆₉ N ₄ O ₂ PS ₂ ²⁺
Molecular Weight:	781.15
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mem-C1C18 is a polarity-sensitive fluorescent probe with excellent plasma membrane anchoring, high brightness and a sensitive response to environmental polarity by altering the fluorescence lifetime. Mem-C1C18 can be used to quantify changes in the polarity of the plasma membrane during iron death^[1].

REFERENCES

[1]. Shuyao Wu, et al. Polarity-Sensitive and Membrane-Specific Probe Quantitatively Monitoring Ferroptosis through Fluorescence Lifetime Imaging. Anal Chem. 2022 Aug 4.

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

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