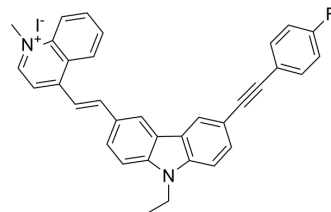


Mito-DK

Cat. No.:	HY-162422
Molecular Formula:	C ₃₄ H ₂₆ FIN ₂
Molecular Weight:	608.49
Target:	Pyroptosis; Fluorescent Dye
Pathway:	Apoptosis; Immunology/Inflammation; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Mito-DK is a small-molecule fluorescent dye with the capability of crosstalk-free response to polarity and mtDNA as well as mitochondrial morphology. Mito-DK has high photostability, low cytotoxicity, and good mitochondria-targeting properties. Mito-DK can be used for real-time tracking and multidimensional assessing of mitochondria-related pyroptosis in cancer cells^[1].

REFERENCES

[1]. Zhao W, et al. Visualized Tracking and Multidimensional Assessing of Mitochondria-Associated Pyroptosis in Cancer Cells by a Small-Molecule Fluorescent Probe. *Anal Chem.* 2024 Apr 23;96(16):6381-6389.

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

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