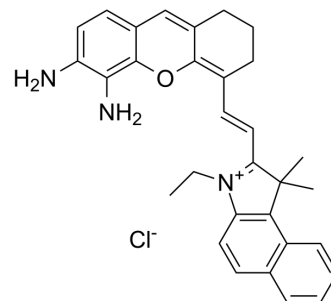


NFL-NH2

Cat. No.:	HY-D2279
Molecular Formula:	C ₃₁ H ₃₂ ClN ₃ O
Molecular Weight:	498
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NFL-NH2 is a mitochondrial-targeted near-infrared ratiometric fluorescent probe. NFL-NH2 can rapidly detect NO levels associated with the inflammatory damage degree in rheumatoid arthritis (RA) mice models by ratiometric fluorescence imaging. The excitation wavelength and emission wavelength are 650 nm and 780 nm, respectively^[1].

REFERENCES

[1]. Han T, et al. Mitochondrial-Targeted Ratiometric Near-Infrared Fluorescence Probe for Monitoring Nitric Oxide in Rheumatoid Arthritis. *J Med Chem.* 2024 Feb 15.

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

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