

DHX-SP

Chemical Properties

CAS No. :

Formula: C38H36BBrF3NO6S

Molecular Weight:

Keep away from direct sunlight

Storage:

Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	DHX-SP is a fluorescent probe utilized to visualize superoxide anion (O ₂ ^{·-}) and peroxynitrite (ONOO ⁻) during ferroptosis in PC12 cells and in Parkinson's disease models.
Targets(IC50)	Others
In vitro	DHX-SP, when pre-incubated with superoxide anion (O ₂ ^{·-}), emits red fluorescence with a peak excitation wavelength of 560 nm and a peak emission wavelength of 710 nm. In contrast, when pre-incubated with both superoxide anion (O ₂ ^{·-}) and peroxynitrite (ONOO ⁻), it exhibits green fluorescence, with a peak excitation wavelength of 470 nm and a peak emission wavelength of 560 nm.

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