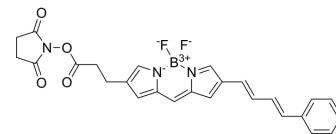


BDP 581/591 NHS ester

Cat. No.:	HY-D1653
CAS No.:	654651-21-5
Molecular Formula:	C ₂₆ H ₂₂ BF ₂ N ₃ O ₄
Molecular Weight:	489.28
Target:	Reactive Oxygen Species; Others
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BDP 581/591 NHS ester is a boron-dipyrromethene dye (Ex=585 nm, Em=594 nm) that has relatively long fluorescence lifetime and two photon excitation cross section. BDP 581/591 NHS ester can be used for fluorescence polarization analysis and also reacts with reactive oxygen species (ROS) and alter fluorescence. BDP 581/591 NHS ester is also an NHS ester derivative that can be used to bind primary and secondary amine groups of proteins, peptides and other molecules.

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

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