BODIPY 581/591 C11 Biochemical | BODIPY581/591C11 biochemical

BODIPY 581/591 C11

CATALOG #
AAA228189

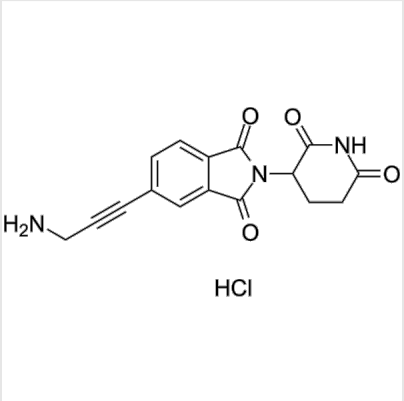
PRODUCT SYNONYMS

BODIPY 581/591 C11; BODIPY581/591C11 biochemical

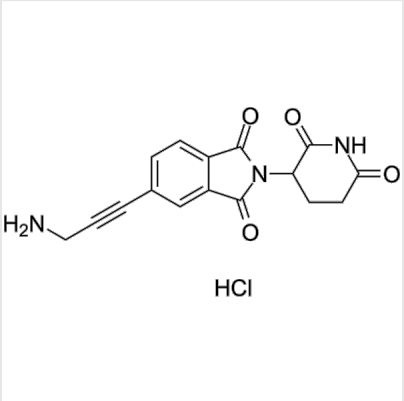
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	217075-36-0
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	C11-BODIPY581/591 can easily enter membranes and exhibits good spectral separation of the nonoxidized (595 nm) and oxidized (520 nm) forms[1].Stock solutions of C11 BODIPY581/591 are made by dissolving 1 mg in 20 mM organic solvent.Cells are labeled in DMEM or PBS with 1-20 uM C11-BODIPY581/591 at 37 degree C, 30 min before the experiment.Alternatively, cells are incubated in DMEM with 1-10 uM preoxidized C11-BODIPY581/591.
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Thalidomide-5-propargyne-NH2 hydrochloride, CAS 2490402-62-3



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ADDITIONAL INFORMATION

Related Product Information for BODIPY581/591C11 biochemical	C11-BODIPY581/591 is a fluorescent ratio-probe of lipid oxidation. C11-BODIPY581/591 is often used for indexing lipid peroxidation and antioxidant efficacy in model membrane systems and living cells. C11-BODIPY581/591 is applied in the quantitation of ferroptosis.
References	1. Nalawansha DA, et al. PROTACs: An Emerging Therapeutic Modality in Precision Medicine. Cell Chem Biol. 2020;27(8):998-994.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.