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AQUORA® PB-NHS ESTER

SKU: QBD-12018LF



DESCRIPTION

AQuora® PB NHS Ester is an amine-reactive fluorophore engineered with SuperHydrophilic™ technology designed to improve solubility during labeling and of the dye-labeled conjugate. As a result, the dye-labeled conjugates made with AQuora® PB NHS Ester (Pacific Blue) yield enhanced signal and signal-to-noise ratios in fluorescence-based applications, including fluorescent western blotting, fluorescence-based microscopy, flow cytometry, and cell-based assays. AQuora® PB NHS Ester is a coumarin-based dye with photophysical properties comparable to Pacific Blue.

This AQuora® PB NHS Ester (Pacific Blue) dye is activated with an N-hydroxysuccinimide (NHS) ester group, which reacts with free primary amines, such as the amines on the side chain of lysines, forming a stable amide bond.

Pacific Blue is a trademark of Thermo Fisher Scientific.

SPECIFICATIONS

Molecular Weight	940

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

A280 Correction Factor	0.4
Extinction Coefficient	19,000
Format	Lyophilized
Unit Size	1mg
Storage Instructions	Store at -20°C. Protect from light. May ship at ambient temperatures.
Spectrally Similar Dyes	Pacific Blue
Excitation/Emission Maximum	404 nm / 458 nm
Label	AQuora® PB
Origin	United States of America
Reactive Group	NHS Ester

DOCUMENTS

- Safety Data Sheet
- User Guide
- Datasheet

GALLERY IMAGES



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