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AQUORA® PB-MALEIMIDE

SKU: QBD-12019LF



DESCRIPTION

AQuora® PB-Maleimide is a thiol-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-Maleimide 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-Maleimide is a coumarin-based dye with photophysical properties comparable to Pacific Blue. It is activated with a maleimide (MAL) group, which reacts with a thiol to form a thioether bond. (Pacific Blue® is a registered trademark of Thermo Fisher Scientific.)

SPECIFICATIONS

Molecular Weight	940
A280 Correction Factor	0.4
Extinction Coefficient	19,000
Format	Lyophilized
Unit Size	1mg

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

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	Maleimide

DOCUMENTS

- Safety Data Sheet
- User Guide
- Datasheet

GALLERY IMAGES



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