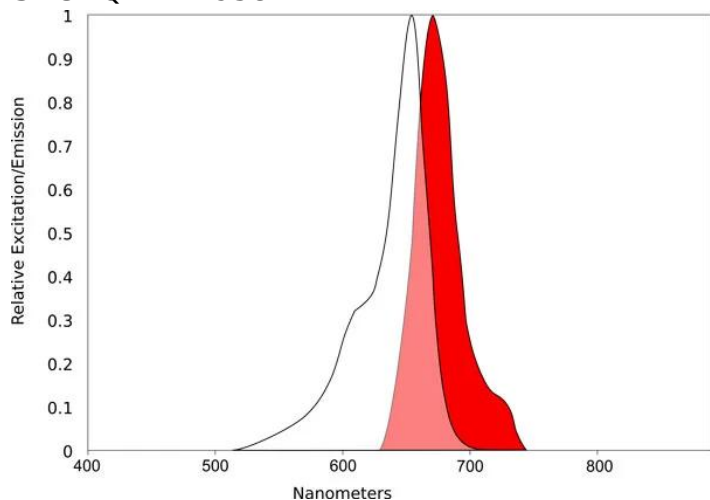


AQUORA® 650-MALEIMIDE

SKU: QBD-11958LF



AQuora® 650-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® 650-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® 650-Maleimide is a cyanine-based dye with photophysical properties comparable to Alexa Fluor® 647, Cy5, DyLight® 650, DyLight® 650 4x PEG. It is activated with a maleimide (MAL) group, which reacts with a thiol to form a thioether bond. (Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific.)

Specifications

Unit Size	1mg
Format	Lyophilized
Storage	Store at -20°C. Protect from light. May ship at ambient temperatures.
Country of Origin	United States of America
Label	AQuora® 650
Excitation / Emission Maximum	654 nm / 674 nm
A280 Correction Factor	0.037

For research use only. Not intended for animal or human therapeutic or diagnostic use.

Reactive Group	Maleimide
Extinction Coefficient	250,000
Spectrally Similar Dyes	Alexa Fluor® 647, Cy5, DyLight® 650, DyLight® 650
	4x PEG
Molecular Weight	1900

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