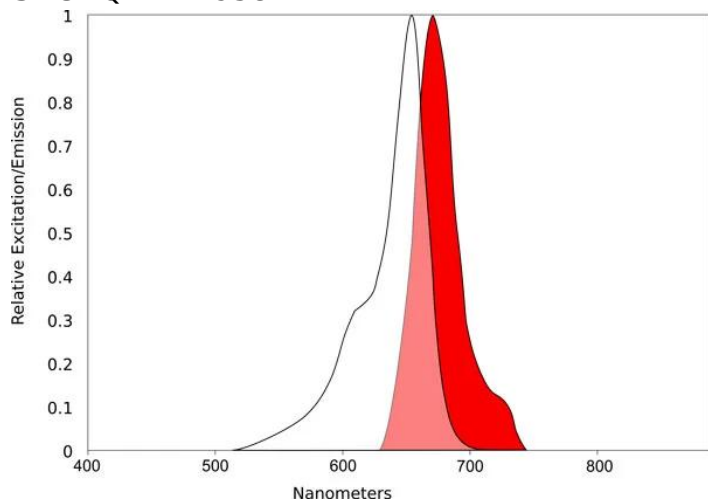


AQUORA® 650-MALEIMIDE

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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