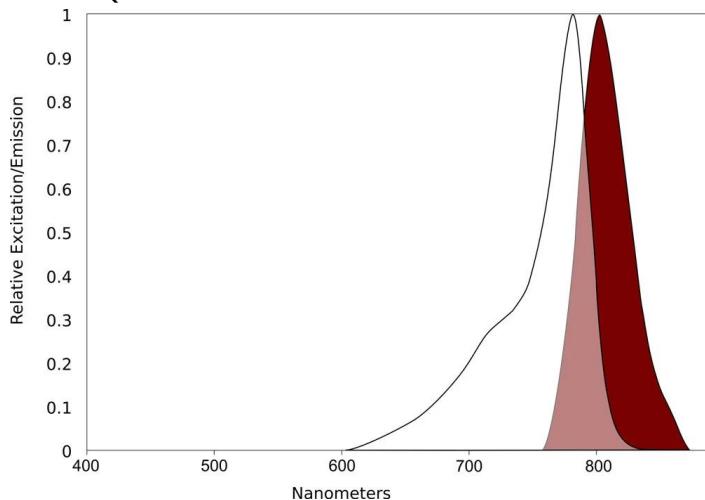


## **AQUORA® 800-MALEIMIDE**

**SKU:** QBD-11099LF



AQuora® 800-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® 800-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® 800-Maleimide is a cyanine-based dye with photophysical properties comparable to Alexa Fluor® 790, DyLight® 800, Dylight® 800 4x PEG, and IRDye® 800 dye.

This AQuora® 800-Maleimide dye 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. IRDye® is a registered trademark of Licor®.

### **Specifications**

<b>Unit Size</b>	1mg
<b>Format</b>	Solid
<b>Storage</b>	Store at -20°C. Protect from light. May ship at ambient temperatures.
<b>Country of Origin</b>	United States of America
<b>Label</b>	AQuora® 800

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

**Excitation / Emission Maximum** 792 nm / 809 nm

**A280 Correction Factor** 0.045

**Reactive Group** Maleimide

**Extinction Coefficient** 270,000

**Spectrally Similar Dyes** Alexa Fluor® 790 , DyLight® 800, Dylight® 800 4x PEG, and IRDye® 800 dye

**Molecular Weight** 2260

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