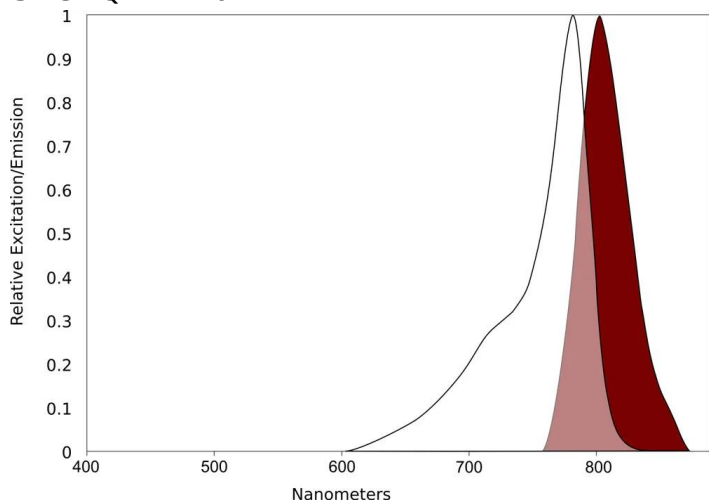




AQUORA® 800-NHS ESTER

SKU: QBD-11077LF



DESCRIPTION

AQuora® 800-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® 800-NHS Ester 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-NHS Ester 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-NHS Ester dye is activated with a 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.

Alexa Fluor® and DyLight® are registered trademarks of Thermo Fisher Scientific. IRDye® is a registered trademark of Licor®.

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



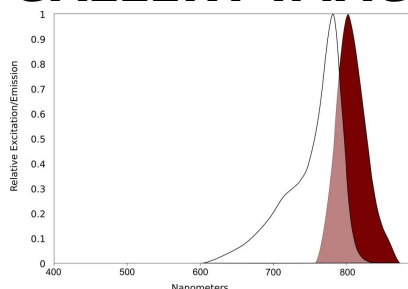
SPECIFICATIONS

Molecular Weight	2260
A280 Correction Factor	0.045
Extinction Coefficient	270,000
Format	Solid
Unit Size	1mg
Storage Instructions	Store at -20°C. Protect from light. May ship at ambient temperatures.
Spectrally Similar Dyes	Alexa Fluor® 790 , DyLight® 800, Dylight® 800 4x PEG, and IRDye® 800 dye
Excitation/Emission Maximum	792 nm / 809 nm
Label	AQuora® 800
Origin	United States of America
Reactive Group	NHS Ester

DOCUMENTS

- [Safety Data Sheet](#)
- [User Guide](#)
- [Datasheet](#)

GALLERY IMAGES



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