www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AQUORA® TAMRA-NHS ESTER

SKU: QBD-11977LF



DESCRIPTION

AQuora® TAMRA 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® TAMRA 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® TAMRA NHS Ester is a xanthene-based dye with photophysical properties comparable to 5(6)-Carboxytetramethylrhodamine, TMR, TRITC, CF®543 Dye, and Alexa Fluor® 546. This AQuora® TAMRA 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.

SPECIFICATIONS

Molecular Weight	1130
A280 Correction Factor	0.18
Extinction Coefficient	92,000
Format	Lyophilized

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

Unit Size	1mg
Storage Instructions	Store at -20°C. Protect from light. May ship at ambient temperatures.
Spectrally Similar Dyes	TAMRA and TRITC
Excitation/Emission Maximum	544 nm / 582 nm
Label	AQuora® TAMRA
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.