

AQUORA® TAMRA-MALEIMIDE

SKU: QBD-11979LF



AQuora® TAMRA-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® TAMRA-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® TAMRA-Maleimide is a xanthene-based dye with photophysical properties comparable to TAMRA and TRITC. It is activated with a maleimide (MAL) group, which reacts with a thiol to form a thioether bond.

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® TAMRA
Excitation / Emission Maximum	544 nm / 582 nm
A280 Correction Factor	0.180
Reactive Group	Maleimide
Extinction Coefficient	92,000
Spectrally Similar Dyes	TAMRA and TRITC

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

Molecular Weight 1130

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