

Fluorescein Tyramide

Catalog number: 11062

Unit size: 1 mg

Product Details

Storage Conditions Freeze (<math>-15\text{ }^{\circ}\text{C}</math>), Minimize light exposure

Expiration Date 12 months upon receiving

Chemical Properties

Appearance Solid

Molecular Weight 495.49

Soluble In DMSO

Spectral Properties

Excitation Wavelength 498 nm

Emission Wavelength 517 nm

Applications

Fluorescein Tyramide is a green fluorescent reagent widely used for tyramide signal amplification (TSA) in IHC, ICC, FISH and multicolor FISH. HRP catalyzes localized deposition of multiple tyramide molecules (catalyzed reporter deposition, CARD), binding the fluorescein tyramide to adjacent tyrosines to enhance fluorescent signal. Under the same conditions, iFluor™ 488 Styramide is a superior replacement with higher sensitivity and faster reaction speed. In addition, iFluor 488 is much more photostable, and tolerate much broad pH ranges.