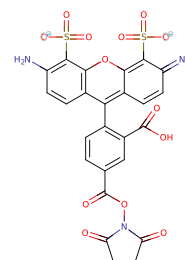


TFAX 488,SE dilithium

Chemical Properties

CAS No. : 222164-96-7
Formula: C₂₅H₁₅N₃O₁₃S₂
Molecular Weight: 629.52
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	TFAX 488,SE dilithium is a green fluorescent dye characterized by its pH insensitivity over a wide range (pH 4-10). It forms highly luminous and photostable conjugates with proteins or antibodies, notably with goat anti-mouse IgG and streptavidin.
In vitro	Excitation maximum=485±11 nm; emission maximum=530±15 nm[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5885 mL	7.9426 mL	15.8851 mL
5 mM	0.3177 mL	1.5885 mL	3.177 mL
10 mM	0.1589 mL	0.7943 mL	1.5885 mL
50 mM	0.0318 mL	0.1589 mL	0.3177 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Panchuk-Voloshina N, et al. Alexa dyes, a series of new fluorescent dyes that yield exceptionally bright, photostable conjugates. J Histochem Cytochem. 1999;47(9):1179-1188.

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