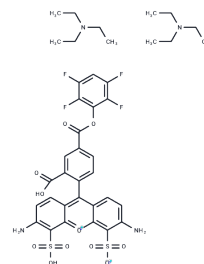


TFAX 488,TFP

Chemical Properties

CAS No. : 878546-79-3
 Formula: C₃₉H₄₄F₄N₄O₁₁S₂
 Molecular Weight: 884.91
 Storage: Keep away from direct sunlight
 Powder: -20°C for 3 years | In solvent: -80°C for 1 year
 Actual storage temperature shall be subject to the COA.



Biological Description

Description	TFAX 488, TFP is a green fluorescent dye that is pH-insensitive across an extensive range (pH 4-10). It produces highly intense and long-lasting conjugates with proteins or antibodies, such as goat anti-mouse IgG and streptavidin.
Targets(IC50)	Others
In vitro	The chemical compound exhibits an excitation maximum at 485±11 nm and an emission maximum at 530±15 nm [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1301 mL	5.6503 mL	11.3006 mL
5 mM	0.226 mL	1.1301 mL	2.2601 mL
10 mM	0.113 mL	0.565 mL	1.1301 mL
50 mM	0.0226 mL	0.113 mL	0.226 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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