

AF488 azide

Chemical Properties

CAS No. :

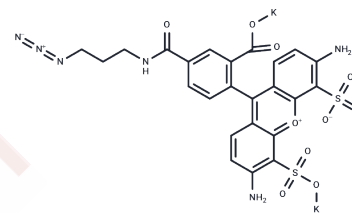
Formula: C₂₄H₁₈K₂N₆O₁₀S₂

Molecular Weight: 692.76

Keep away from direct sunlight

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.



Biological Description

Description	AF488 azide is a fluorescent dye used to assess the reactivity of immobilized DIBO groups. It has an azide group that can undergo a copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing an alkyne group. It can also participate in a strain-promoted azide-alkyne cycloaddition reaction (SPAAC) with molecules containing DBCO or BCN groups. The emission (λ_{em}) and excitation (λ_{ex}) wavelengths of AF488 are 520 nm and 470 nm, respectively.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4435 mL	7.2175 mL	14.435 mL
5 mM	0.2887 mL	1.4435 mL	2.887 mL
10 mM	0.1444 mL	0.7218 mL	1.4435 mL
50 mM	0.0289 mL	0.1444 mL	0.2887 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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