

Super Fluor 488

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Super Fluor 488 dye is a bright, green-fluorescent dye with excitation ideally suited to the 488 nm laser line. For stable signal generation in imaging and flow cytometry, Super Fluor 488 dye is pH-insensitive over a wide molar range. Probes with high fluorescence quantum yield and high photostability allow detection of low-abundance biological structures with great sensitivity.
Targets(IC50)	Others
In vitro	Alexa fluor 488 conjugated protein is superior to other fluorescein. The experiment shows that it is better than other green fluorescent groups including Cy2. It not only has higher brightness, but also has better light stability. The stability in the range of pH4-10 is another advantage

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