

Pyrromethene 580

Chemical Properties

CAS No. : 151486-56-5

Formula: C₂₂H₃₃BF₂N₂

Molecular Weight: 374.32

Keep away from direct sunlight

Storage: 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	Pyrromethene 580 is suitable for high-energy pulsed lasers and high repetition rate pulsed lasers that are pumped at 532 nm, making it valuable in laser technology and related fields. It has excitation and emission wavelengths (Ex/Em) of 518 nm and 550 nm, respectively.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6715 mL	13.3576 mL	26.7151 mL
5 mM	0.5343 mL	2.6715 mL	5.343 mL
10 mM	0.2672 mL	1.3358 mL	2.6715 mL
50 mM	0.0534 mL	0.2672 mL	0.5343 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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