

5-CR110 [5-Carboxyrhodamine 110] *Single isomer*

Chemical Properties

CAS No. :

Formula: C₂₁H₁₅N₂O₅Cl

Molecular Weight: 410.81

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	5-CR110 [5-Carboxyrhodamine 110] *Single isomer* is a Fluorescein for peptide and oligonucleotide labeling. Compared to fluorescein labeling reagents such as FITC and FAM, CR110 reagents give more photostable and pH-independent bioconjugates that have the absorption maximum around the preferred 488 nm excitation wavelength. They are photostable alternative reagents superior to FITC and FAM.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4342 mL	12.1711 mL	24.3422 mL
5 mM	0.4868 mL	2.4342 mL	4.8684 mL
10 mM	0.2434 mL	1.2171 mL	2.4342 mL
50 mM	0.0487 mL	0.2434 mL	0.4868 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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