Data Sheet (Cat.No.TD0064)

TargetMol®
YOUR TARGET MOLECULES

5-CR110, SE [5-Carboxyrhodamine 110, succinimidyl ester]*Single isomer*

Chemical Properties

CAS No. : TD0064

Formula: C25H18ClN3O7

Molecular Weight: 523.92

Appearance: no data available

Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Biological Description

Description	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 489 nm excitation wavelength. They are photostable alternative reag
In vitro	In many single dye labeling applications, the 5-CR110, SE is pH independent (pH 4-9) and has stronger photostability than fluorescein and Alexa 488.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9087 mL	9.5434 mL	19.0869 mL
5 mM	0.3817 mL	1.9087 mL	3.8174 mL
10 mM	0.1909 mL	0.9543 mL	1.9087 mL
50 mM	0.0382 mL	0.1909 mL	0.3817 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.

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