

# Product Information

## Carboxyrhodamine 110 Succinimidyl Ester, 5 and 6 Isomers

**Catalog Number:** 90001

**Unit Size:** 5 mg

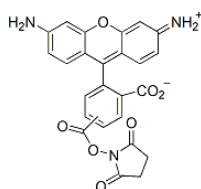
### Storage and Handling

Store desiccated at -20°C, protected from light. Product is stable for at least 12 months from date of receipt when stored as recommended. We recommend using anhydrous DMSO (see related products) to prepare stock solutions of succinimidyl ester dyes immediately before use.

### Molecular Information

$C_{25}H_{17}N_3O_7$

MW:471.42



### Properties

Color & Form: Orange red solid

Solubility: Soluble in DMF or DMSO

Ex/Em (MeOH) = 502/524 nm

### Product Description

5-(and-6)-Carboxyrhodamine 110, SE (5-(and-6)-Carboxyrhodamine 110, succinimidyl ester, mixed isomers), also known as Carboxyrhodamine 110-NHS, is a superior green fluorescent dye that readily reacts with primary or secondary amines. For many applications, the dye is preferred over 5-(and-6)-carboxyfluorescein succinimidyl ester (5(6)-FAM) or FITC because of its exceptional photostability and fluorescence insensitivity to pH between 4 and 9.

### Related Products

Catalog number	Product
22004	Ultrafiltration vial, 10K MWCO (5 per pack)
22018	Ultrafiltration vial, 3K MWCO (5 per pack)
90082	DMSO, anhydrous
22013	Bovine Serum Albumin, Fraction V
22014	Bovine Serum Albumin, 30% solution
22020	10X Phosphate Buffered Saline
41024-4L	Water, Ultrapure Molecular Biology Grade

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