Carboxyrhodamine 110 succinimidyl ester, 6-isomer

sicitum 680 Product attributes

Excitation/Emission

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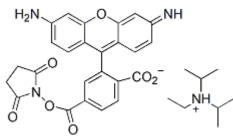
502/524 nm

Amine-reactive form of single isomer carboxyrhodamine 110. For certain applications, the dye is preferred over the corresponding 6-carboxyfluorescein because of its exceptional photostability and fluorescence insensitivity to pH change (4-9).

Product Description

Amine-reactive form of single isomer carboxyrhodamine 110, useful in DNA sequencing. For many single-dye-labeling applications, the dye is preferred over other green fluorescent dyes including fluorescein and Alexa Fluor® 488 because of its exceptional photostability and fluorescence insensitivity to pH between 4 and 9.

- $\lambda_{Ex}/\lambda_{Em}(MeOH) = 502/524 \text{ nm}$
- Orange red solid soluble in DMF or DMSO
- Store desiccated at -20°C and protect from light
- C33H36N4O7
- MW: 600.67



Alexa Fluor is a registered trademark of Thermo Fisher Scientific.

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