

This certificate is an example. A complete certificate containing lot-specific information, such as concentration and volume, will be shipped with your purchase.



Chromeo™ 546 Carboxylic Acid

Catalog No: 15210, 16210

Lot No: Not Available

Chemical Properties:

Contents: 1 mg (Catalog No. 15210) or 5 mg (Catalog No. 16210) of lyophilized

Chromeo™ 546 carboxylic acid

Net formula: $C_{35}H_{47}N_2O_5P$ MW 606.74

Reagent color: purple solid.

Soluble in DMF, ethanol, methanol and acetonitrile.

Fluorescent Properties:

Chromeo 546 shows similar fluorescent properties as the yellow-orange Cy3 dye.

Filters designed for Cy3 can be used with Chromeo 546 and its conjugates.

Chromeo 546 exhibits a large tolerance to pH and unmatched photostability, which provides more time for image capture.

Molar extinction Coefficient: $96,800 \text{ M}^{-1}\text{cm}^{-1}$ (measured at A_{max})

Excitation Wavelength: 545 nm

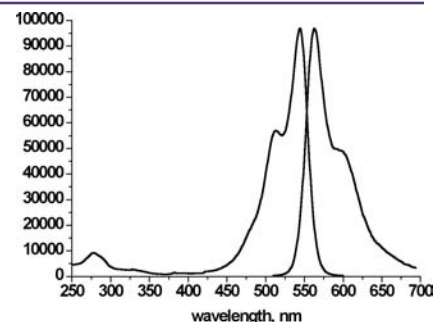
Emission Wavelength: 561 nm

Quality Control:

The Dye has been quality tested by TLC and spectro-photometrical evaluation.

Storage:

To ensure stability, the lyophilized dye should be stored at 4°C in the dark. This product is guaranteed for 6 months from the date of arrival.



Spectrum of Chromeo™ 546 in PBS.