

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 Biotin

Catalog No: 15212, 16212

Lot No: Not Available

Chemical Properties:

Contents: 1 mg (Catalog No. 15212) or 5 mg (Catalog No. 16212) of lyophilized Chromeo™ 546 conjugated to Biotin-(PEO)₃-amine.

Net formula: C₅₁H₇₅N₆O₈PS; MW: 963.23

Reagent color: purple solid

Soluble in DMF and methanol.

Fluorescent Properties:

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

Excitation Wavelength: 545 nm

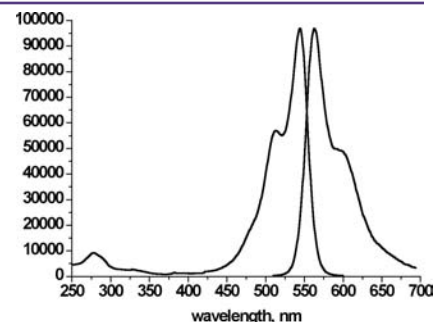
Emission Wavelength: 561 nm

Quality Control:

The Dye has been quality tested by spectro-photometrical evaluation and by measuring binding properties on streptavidin-coated plates.

Storage:

To ensure stability, the lyophilized dye biotin conjugate 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.