

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



Chromeo™ 488 Carboxylic Acid

Catalog No: 15510, 16510

Lot No: Not Available

Chemical Properties:

Contents: 1 mg (Catalog No. 15510) or 5 mg (Catalog No. 16510) of lyophilized

Chromeo™ 488 Carboxylic Acid

Net formula: $C_{30}H_{31}NO_7$; MW 517.58

Reagent color: yellow-orange

Soluble in DMF, ethanol and methanol.

Fluorescent Properties:

Chromeo 488 can be excited with a green laser and shows similar fluorescent properties as fluorescein or other 488-excitable dyes. Filters designed for fluorescein can be used with Chromeo 488 and its conjugates. Chromeo 488 exhibits a large tolerance to pH and unmatched photostability, which provides more time for image capture.

Molar extinction Coefficient: $73,000 \text{ M}^{-1}\text{cm}^{-1}$ (measured at A_{max})

Excitation Wavelength: 488 nm

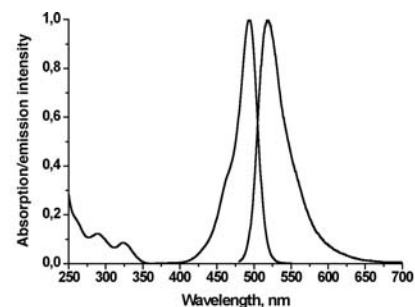
Emission Wavelength: 520 nm

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™ 488 in PBS.