



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

# Product Information

## CF™680, Free Acid

**Catalog Number:** 92070

**Unit Size:** 1 mg

**Color and Form:** Dark blue solid.

### Storage and Handling

Store CF™680 free acid desiccated at  $\leq -20^{\circ}\text{C}$ . When stored as directed, CF™680 free acid should be stable for at least 12 months from the time of receipt.

### Technical Summary

**Abs/Em Maxima:** 681/698 nm (See Figure 1)

**Extinction coefficient:** 210,000

**Molecular weight:** ~3241

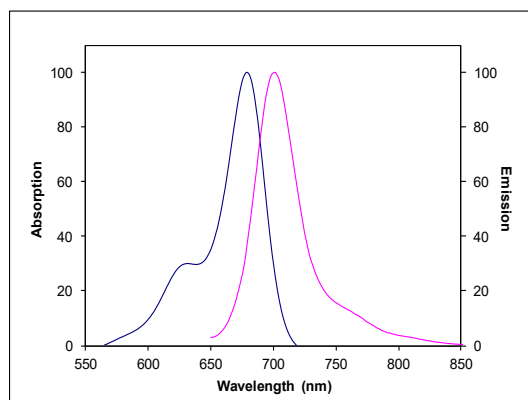


Figure 1. Absorption and emission spectra of CF™680 Free Acid in water

### Product Application

CF™680 free acid has no reactive group and cannot be used for labeling. CF680 free acid could be used for the following applications:

#### In vitro cell-based assays

As a control for cell-based assays that monitor binding of a dye-labeled agent

- Validation of optical agent for in vivo administration
- Evaluation of binding specificity

#### In vivo imaging

For evaluation of behavior and clearance of the dye itself

- Timing of dye clearance from the animal's body
- Retention of dye in certain organs or sites ( e.g., liver or kidneys)

### Other Related Products

Cat. #	Product Name	Unit Size
92139	CF680 succinimidyl ester	1 umol
92240	Mix-n-Stain CF680 antibody labeling kit, 1X(50-100ug) labeling	1 labeling
92262	Mix-n-Stain CF680 antibody labeling kit, 1X(20-50ug) labeling	1 labeling
92282	Mix-n-Stain CF680 antibody labeling kit, 1X(5-20ug) labeling	1 labeling
92160	VivoBrite rapid antibody labeling kit for small animal in vivo imaging, CF680 SE	3 labelings
29007	Annexin V, CF680 conjugate, lyophilized	25 ug
92220	CF680 SE protein labeling kit	3 labelings
20063-1	CF680 Goat anti-mouse IgG (H+L), F(ab') <sub>2</sub> fragment, 2 mg/mL	50 uL
20065-1	CF680 Goat anti-mouse IgG (H+L), highly cross-adsorbed, 2 mg/mL	50uL
20064-1	CF680 Goat anti-rabbit IgG (H+L), F(ab') <sub>2</sub> fragment, 2 mg/mL	50uL
20067-1	CF680 Goat anti-rabbit IgG (H+L), highly cross-adsorbed, 2 mg/mL	50uL