

Product Information

CF™790, Free Acid

Catalog Number: 92159

Unit Size: 0.25 μmole

Color and Form: Dark blue solid.

Storage and Handling

Store CF™790 free acid desiccated at ≤ -20°C. When stored as directed, CF™790 free acid should be stable for at least 12 months from the time of receipt.

Technical Summary

Abs/Em Maxima: 784/806 nm (See Figure 1)

Extinction coefficient: 210,000

Molecular weight: ~3200

Absorption/Emission Spectra of CF™790 Free Acid in water

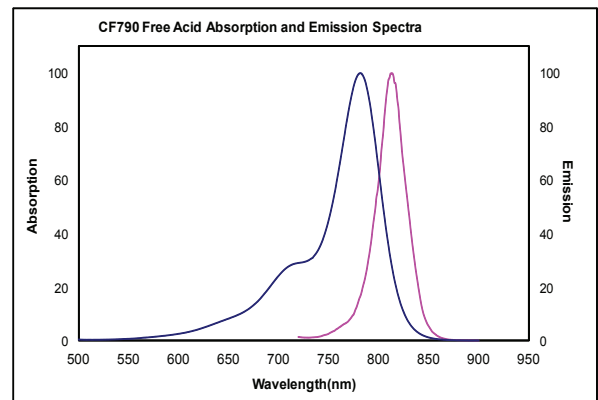


Figure 1. Absorption and emission spectra of CF™790 Free Acid in water

Product Application

CF™790 free acid has no reactive group and cannot be used for labeling. CF790 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
29047	Annexin V, CF790 conjugate, lyophilized	25 ug
20345-50uL	CF790 Donkey Anti-Goat IgG (H+L), highly cross-adsorbed, 2mg/mL	50 uL
20363-50uL	CF790 Donkey Anti-Mouse IgG (H+L), highly cross-adsorbed, 2mg/mL	50 uL
20344-50uL	CF790 Donkey Anti-Rabbit IgG (H+L), highly cross-adsorbed, 2mg/mL	50 uL
92155	CF790, succinimidyl ester	0.25 umol
20378-50uL	CF790 Goat Anti-Mouse IgG (H+L), 2 mg/mL	50 uL
20342-50uL	CF790 Goat Anti-Mouse IgG (H+L), highly cross-adsorbed, 2 mg/mL	50 uL
20379-50uL	CF790 Goat Anti-Rabbit IgG (H+L), 2 mg/mL	50 uL
20343-50uL	CF790 Goat Anti-Rabbit IgG (H+L), highly cross-adsorbed, 2 mg/mL	50uL
92288	CF790 Mix-n-Stain Antibody Labeling Kit	1 X 5-20 ug labeling
92163	VivoBrite rapid antibody labeling kit for small animal in vivo imaging, CF790 SE	3 labelings