

Product Information

CF™640R, aminoxy

Catalog Number: 92058

Unit Size: 1 mg

Color and Form: Dark blue solid.

Storage and Handling

Store CF™640R aminoxy at -20°C. Stock solutions may be prepared in water or DMSO.

Other Related Products

You may also be interested in the following related products from Biotium:

- CF™ dye NHS esters, hydrazides or maleimides
- CF™ antibody conjugates and protein labeling kits

Please visit the Biotium website at www.biotium.com for details.

Technical Summary

Abs/Em Maxima: 642/662 nm (See Figure 1)

Extinction coefficient: 105,000

Molecular weight: 1107

Flow cytometry laser line: 633, 635 or 640 nm

Microscopy laser line: 633, 635 or 640 nm

Product Application

Aminoxy derivatives react with aldehydes or ketones in protein or DNA to form a stable hydrazone compound. Our CF™ aminoxy derivatives are bright and water-soluble. These properties make the compound an excellent fluorescent label.

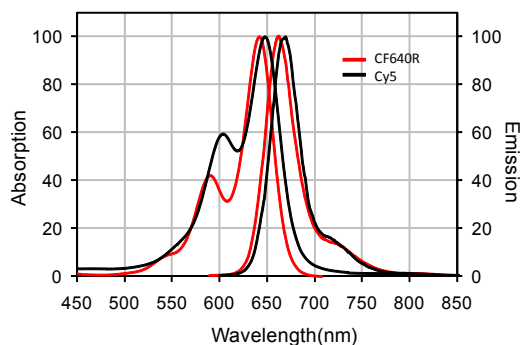


Figure 1. Absorption and emission spectra of CF™640R and Cy™5.