

# Product Information

## Sulfo-Cy5-E free acid [Sulfonic Cyanine 5-ethyl free acid]

Catalog Number: C5021

Product Size: 5 mg

Application Scope: Fluorescent labeling reagent

### Parameters

Appearance: Navy Blue solid soluble in water, DMSO or DMF

Ex/ Em: 675/691 nm

Molecular Weight: 1215

Extinction Coefficient: 230,000

Substitute: Alexa Fluor 680 etc

### Storage

Store at -20 °C and protect from light. When stored as directed, product is stable for at least 12 months.

### Description

Cyanine dye Sulfo-Cy5.5-E free acid is a far-infrared

fluorescent dye, which contains free and unactivated mono functional carboxylic acid. It has strong water solubility and is not sensitive to the change of environmental pH.

### Notes

1. The recommended storage concentration of the product is 10 mM, and it can be stable for at least one month at -20 °C.
2. There are quenching problems with fluorescent dyes. Please avoid light to slow down the fluorescence quenching.
3. For your safety and health, please wear lab coats and disposable gloves.

