

Introduction

LiFluor™ 546 Red Fluorescent Dye is a bright, orange-red fluorescent dye spectrally similar to Cy3 dye. However, compared to Cy3, LiFluor™ 546 is much brighter and more photostable. The NHS ester (or succinimidyl ester) is the most popular amine reactive group for labeling with the primary amines (R-NH₂) of proteins, amine-modified oligonucleotides, and other amine-containing molecules. The resulting LiFluor™ conjugate will exhibit brighter fluorescence and greater photostability than the conjugates of other spectrally similar fluorophores.

Package Information

| Components | C0102 |
|-------------------------------------|-------|
| LiFluor™ 546 Red Fluorescent Dye | 5 mg |

Storage

At -20°C and protect from light

Specifications

1. Ex/Em: 556/575 nm
2. Extinction coefficient: 105,000
3. Molecular weight: ~900
4. Excitation source: 532 nm