

## Cyanine Dye, NHS Ester

Cat #: B-CHM201 / B-CHM202 / B-CHM203

Size: 1 mg

Storage: Store at -20°C, protected from light.

### Product specifications

| Catalog No. | Dye             | Ex/Em(nm) | MW   |
|-------------|-----------------|-----------|------|
| B-CHM201    | Cy3 NHS Ester   | 555/565   | 829  |
| B-CHM202    | Cy5 NHS Ester   | 650/665   | 855  |
| B-CHM203    | Cy5.5 NHS Ester | 681/698   | 1318 |

### Product Introduction

Cyanine dye succinimidyl ester can be used for conjugation with proteins or other biomolecules containing free amino groups, particularly lysine residues. The succinimidyl ester moiety of the dye reacts with amino groups to form stable amide bonds.

### Structural formula

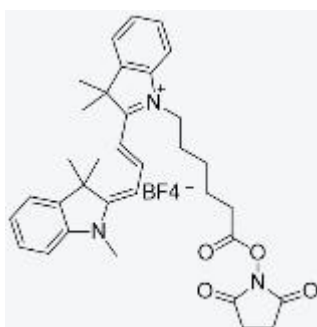
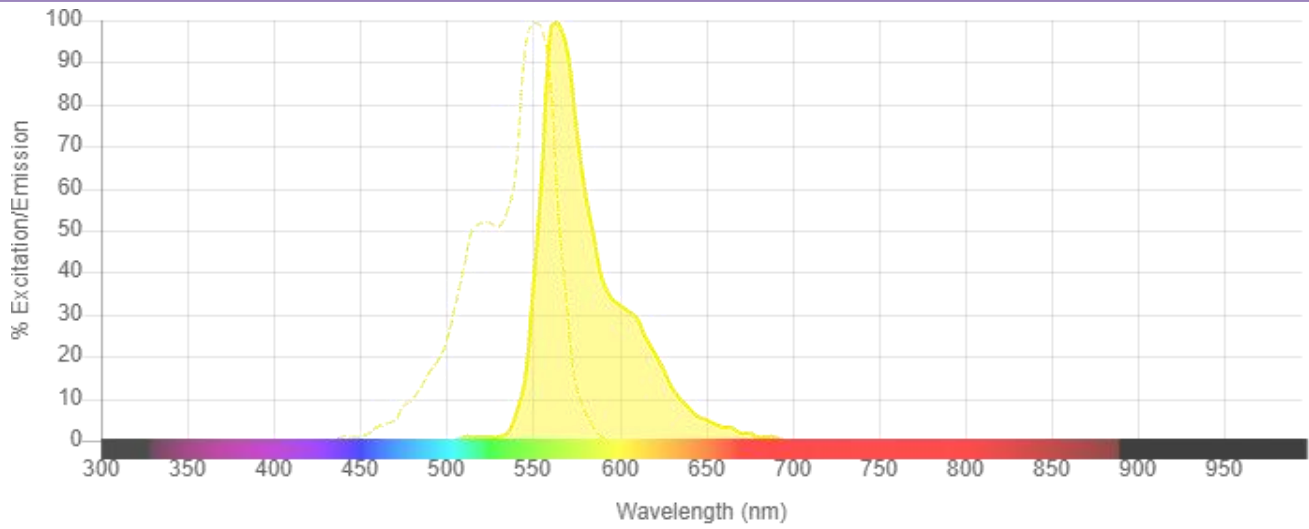
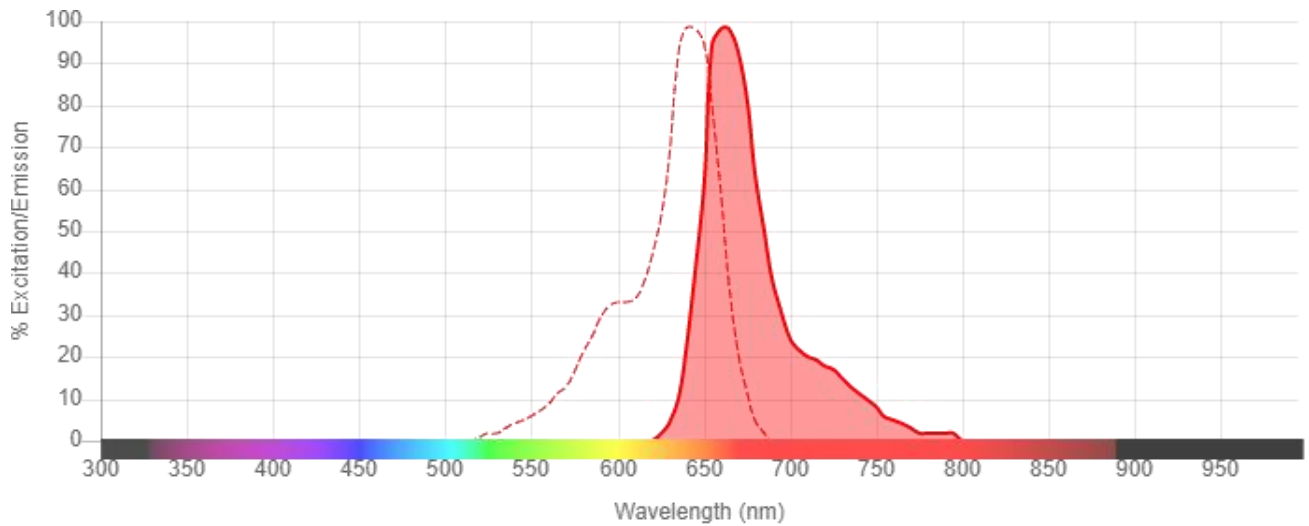


Figure 1. Cyanine 3 Succinimidyl Ester





## Spectra of Cy5



## Spectra of Cy5.5

