

## **Lumiprobe Corporation**

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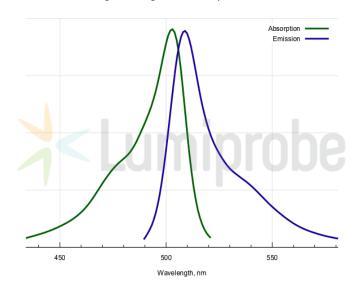
## **BDP® FL L-Cystine**

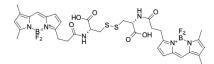
http://www.lumiprobe.com/p/bdp-fl-cystine

BDP FL L-cystine is a symmetric disulfide for reversible thiol-specific labeling of thiolated oligonucleotides, proteins, and cells.

BDP FL L-cystine consists of two BDP FL molecules connected via a disulfide bridge between two cysteine residues. In the dimeric disulfide state, the fluorescence of the dye is quenched.

Like other symmetric disulfides, BDP FL L-cystine undergoes a thiol-disulfide interchange reaction. Reduction of the disulfide bridge releases the monomeric dye molecule and results in fluorescence in the green region of the spectrum.





Structure of BDP FL L-Cystine

## Absorption and emission spectra of BDP FL

General properties		
Appearance:	orange	powde

788.46 C34H30B2F4N6O6S2

(2,14,15,14,0,5). (2,13,12,0).

Legal statement:

509 0.015