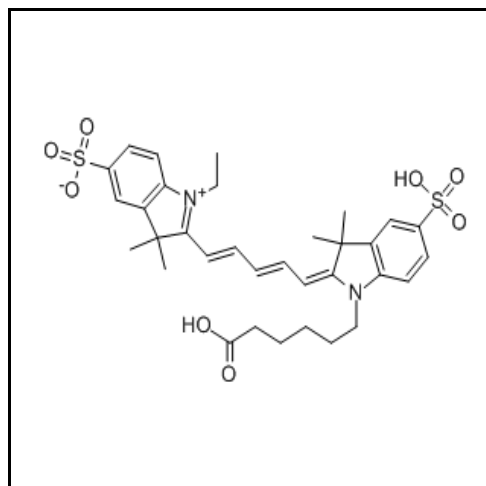


Product Data Sheet

Product Name: CY5
CAS No.: 146368-11-8
Cat. No.: HY-D0821
MWt: 656.81
Formula: C₃₃H₄₀N₂O₈S₂
Purity : >98%

Solubility: 10 mM in DMSO; protect from light



Mechanisms:

Pathways: Biochemical Reagent; Target: Dye reagent

Biological Activity:

Cy5 is a reactive dye for the labeling of amino-groups in peptides, proteins, and oligonucleotides. This dye requires small amount of organic co-solvent (such as DMF or DMSO) to be used in labeling reaction. This reagent is ideal for very cost-efficient labeling of soluble proteins, as well as all kinds of peptides and oligonucleotides. This reagent also works well in organic solvents for small molecule labeling.

Excitation (nm): 649, Emission (nm): 670.

Caution: Not fully tested. For research purposes only