

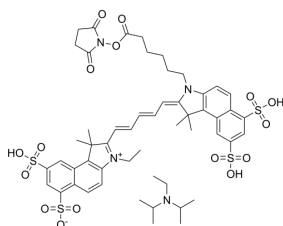
## Cy5.5-SE (DIPEA)

**Cat. No.:** HY-D0925A  
**Batch No.:** 156417  
**Chemical Name:** 1H-Benz[e]indolium, 2-[5-[3-[6-[(2,5-dioxo-1-pyrrolidinyl)oxy]-6-oxohexyl]-1,3-dihydro-1,1-dimethyl-6,8-disulfo-2H-benz[e]indol-2-ylidene]-1,3-pentadien-1-yl]-3-ethyl-1,1-dimethyl-6,8-disulfo-, inner salt (DIPEA)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>53</sub>H<sub>66</sub>N<sub>4</sub>O<sub>16</sub>S<sub>4</sub>  
**Molecular Weight:** 1143.37  
**Storage:** -20°C, sealed storage, away from moisture and light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

#### Chemical Structure:



### ANALYTICAL DATA

**Appearance:** Light blue to blue (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**MS:** Consistent with structure  
**Purity (HPLC):** 91.26%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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