

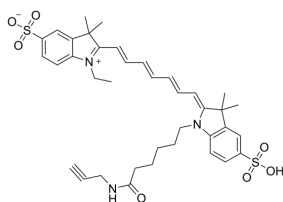
## Cy7-YNE

Cat. No.: HY-D1052  
Batch No.: 116864  
Chemical Name: 2-((1E,3E,5E)-7-((Z)-3,3-Dimethyl-1-(6-oxo-6-(prop-2-yn-1-ylamino)hexyl)-5-sulfoindolin-2-ylidene)hepta-1,3,5-trien-1-yl)-1-ethyl-3,3-dimethyl-3H-indol-1-ium-5-sulfonate

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>38</sub>H<sub>45</sub>N<sub>3</sub>O<sub>7</sub>S<sub>2</sub>  
Molecular Weight: 719.91  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to green yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (NMR): ≥95.0%  
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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