

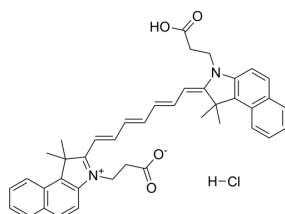
## Cypate (hydrochloride)

Cat. No.: HY-D1719A  
Batch No.: 272509  
Chemical Name: 1H-Benz[e]indolium, 3-(2-carboxyethyl)-2-[7-[3-(2-carboxyethyl)-1,3-dihydro-1,1-dimethyl-2H-benz[e]indol-2-ylidene]-1,3,5-heptatrien-1-yl]-1,1-dimethyl-, inner salt (hydrochloride)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>41</sub>H<sub>41</sub>ClN<sub>2</sub>O<sub>4</sub>  
Molecular Weight: 661.23  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Green to dark green (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 99.88%  
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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