

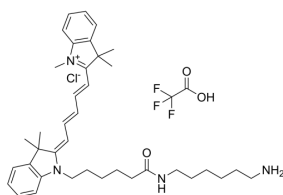
## Cy 5 amine (TFA)

Cat. No.: HY-D1321A  
Batch No.: 277998  
Chemical Name: 3H-Indolium, 2-[5-[1-[6-[(6-aminohexyl)amino]-6-oxohexyl]-1,3-dihydro-3,3-dimethyl-2H-indol-2-ylidene]-1,3-pentadien-1-yl]-1,3,3-trimethyl-, chloride, TFA (1:1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>40</sub>H<sub>54</sub>ClF<sub>3</sub>N<sub>4</sub>O<sub>3</sub>  
Molecular Weight: 731.33  
Storage: -20°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Brown to dark brown (Solid)  
LCMS: Consistent with structure  
Purity (LCMS): 98.41%  
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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