

**Cy5.5NS, acid**Catalog number: 196  
Unit size: 25 mg**Product Details**

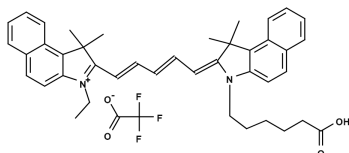
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Storage Conditions	Freeze (<-15 °C), Minimize light exposure
Expiration Date	12 months upon receiving

**Chemical Properties**

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Appearance	Dark blue solid
Molecular Weight	710.82
Soluble In	DMSO
Chemical Structure	

**Spectral Properties**

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Excitation Wavelength	683 nm
Emission Wavelength	703 nm

**Applications**

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Cyanines are used in a wide variety of biological applications including comparative genomic hybridization and in gene chips. Depending on the structure, they cover the spectrum visible and IR wavelengths. Cy 3, Cy5, Cy5.5 and Cy7 are the most popular cyanine dyes. Cy5.5NS dyes have the spectral properties identical to Cy5.5, but do not have the four sulfonate groups of Cy5.5. Cy5.5NS dyes are not soluble in water while Cy5.5 dyes have high water solubility.