



PO Box 31126  
Dayton, OH 45437  
Tel: 937.252.2989 Fax: 937.258.3937  
E-mail: [info@exciton.com](mailto:info@exciton.com)  
[www.exciton.com](http://www.exciton.com)

## Styryl 15

**Synonym:** 2-(6-(9-(2,3,6,7-Tetrahydro-1H,5H-benzo(i,j)quinolizinium)))-2,4-neopentylene-1,3,5-hexatrienyl)-3-methylbenzothiazolium perchlorate

**Catalog No.:** 08800

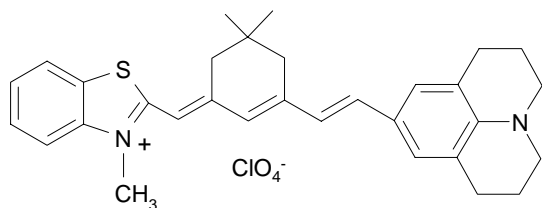
**CAS No.:** 385437-35-4

**MW:** 567.15

**Chemical Formula:** C<sub>31</sub>H<sub>35</sub>N<sub>2</sub>S.ClO<sub>4</sub>

**Appearance:** Green crystals

**Structure:**



Max. Lasing Wavelength (nm)	Range (nm)	Pump Source (nm)	Solvent	Concentration (molar)	Abs $\lambda$ -max	FI $\lambda$ -max
880	856-918	XeCl(308) <sup>243</sup>	DMSO	2.03x10 <sup>-3</sup>	651 <sup>e</sup>	---
880	856-918	Nd:YAG(532)	PC	1.093x10 <sup>-3</sup>		

DMSO = dimethylsulfoxide; e = ethanol; PC = propylene carbonate

### REFERENCE:

243. Lambdachrome Laser Dyes, U. Brackmann, 2<sup>nd</sup> ed., 1994

For a current list of biology, biological stain, or biochemistry references for Styryl 15 from PubMed, click on the following link:

[Styryl 15](#) (zero references in PubMed under this name as of May 2006)