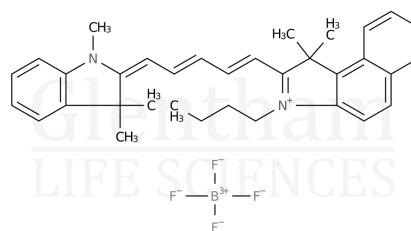


## Certificate of Analysis

Product Name	3-Butyl-2-[5-(1,3-dihydro-1,3,3-trimethyl-2H-indol-2-ylidene)-1,3-pentadienyl]-1,1-dimethyl-1H-benz[e]indolium tetrafluoroborate(1-)
Glentham Code	GX8235
CAS Number	172491-72-4
Batch Number	611YKJ
Molecular Weight	562.50
Molecular Formula	C <sub>34</sub> H <sub>39</sub> N <sub>2</sub> BF <sub>4</sub>
Storage Temp.	+20°C



Property	Specification	Batch 611YKJ
Physical Description	Blue to green crystalline powder or crystals	Conforms
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	659 - 661 nm (in methanol)	660 nm
Molar Absorptivity	220,000 - 240,000 L/mole/cm	231000 l/mol/cm
Purity (HPLC)	$\geq 98.0\%$	99.6%
Specification Version	v1.0	
Manufacture Date	2019-10-08	
Re-Test Date	2025-09-30	

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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