

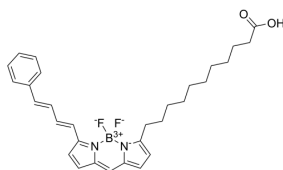
## BODIPY 581/591 C11

Cat. No.: HY-D1301  
 CAS No.: 217075-36-0  
 Batch No.: 281562  
 Chemical Name: Borate(1-), difluoro[5-[[5-[(1E,3E)-4-phenyl-1,3-butadien-1-yl]-2H-pyrrol-2-ylidene-κN]methyl]-1 H-pyrrole-2-undecanoato(2-)-κN1]-, hydrogen (1:1), (T-4)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{30}H_{35}BF_2N_2O_2$   
 Molecular Weight: 504.42  
 Storage: -20°C, protect from light  
 \* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:



### ANALYTICAL DATA

Appearance: Brown to black (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 MS: Consistent with structure  
 Purity (HPLC): 99.21%  
 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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