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## Certificate of Analysis

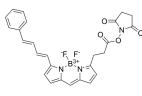
### BODIPY-581/591 NHS ester

Cat. No.:	HY-D1691
CAS No.:	150152-70-8
Batch No.:	410022
Chemical Name:	Boron, [2,5-dioxo-1-pyrrolidinyl 5-[[5-[(1E,3E)-4-phenyl-1,3-butadien-1-yl]-2H-pyrrol-2-ylidene-κ
	N]methyl]-1H-pyrrole-2-propanoato-ĸN1]difluoro-, (T-4)-

#### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{26}H_{22}BF_2N_3O_4$
Molecular Weight:	489.28
Storage:	-20°C, sealed storage, away from moisture and light
	* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and
	light)

#### **Chemical Structure:**



#### ANALYTICAL DATA

Appearance:	Pale purple to purple (Solid)
<sup>1</sup> H NMR Spectrum:	Consistent with structure
Purity (HPLC):	99.34%
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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