



## CERTIFICATE OF ANALYSIS

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### 1. Identification

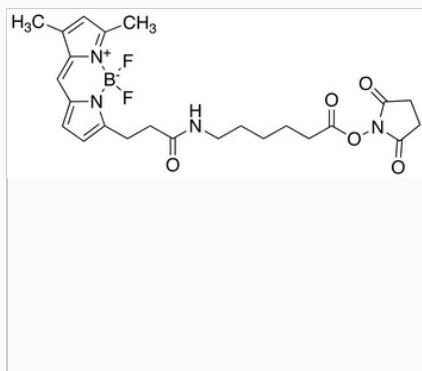
**Catalogue Number:** B674935

**CAS Number:** 217190-09-5

**Product:** 3-Bodipy-propanoylaminocaproic Acid, N-Hydroxysuccinimide Ester

**Synonym:** (T-4)-[5-[(3,5-Dimethyl-2H-pyrrol-2-ylidene-κN)methyl]-N-[6-[(2,5-dioxo-1-pyrrolidinyl)oxy]-6-oxohexyl]-1H-pyrrole-2-propanamidato-κN1]difluoro-boron; BODIPY FL-X,SE;

**Structure:**



**Molecular Formula:**

C<sub>24</sub>H<sub>29</sub>BF<sub>2</sub>N<sub>4</sub>O<sub>5</sub>

**Molecular weight:**

502.32

**Source of Product:**

Synthetic

**Solubility:**

Chloroform (Slightly),  
Methanol (Slightly, Sonicated)

**Lot Number:** 1-RPY-99-1

**Purity:** 98%

**Shipping Condition:** This Product Is Stable To Be Shipped With Blue Ice

**Storage Condition:** -20°C

### 2. Warning

**Warning 1:** Light Sensitive

**Warning 2:** Temperature Sensitive

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Red Solid	Red Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.11, %H: 5.79, %N: 10.84
MS	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	98.47% (230 nm)

**Additional Information:** Elemental Analysis: (Theoretical) %C: 57.39, %H: 5.82, %N: 11.15

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	My Nguyen	7/31/2020	7/29/2027