

### Certificate of Analysis

|                     |              |
|---------------------|--------------|
| <b>Product Name</b> | BODIPY FL C5 |
| <b>Catalog No.</b>  | V42973       |
| <b>Batch No.</b>    | V4297301     |

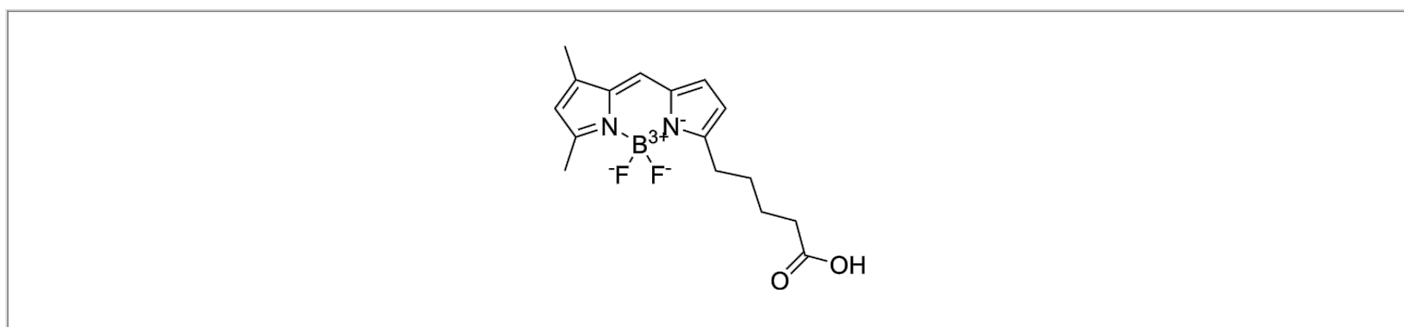
#### 1. Physical and Chemical Properties

|                          |   |
|--------------------------|---|
| <b>Appearance</b>        | Powder  |
| <b>Molecular Formula</b> | C <sub>16</sub> H <sub>18</sub> BN <sub>2</sub> O <sub>2</sub> F <sub>2</sub> ·H <sup>+</sup> |
| <b>Molecular Weight</b>  | 320.142   |
| <b>Purity</b>            | ≥97%  |
| <b>CAS No.</b>           | 217075-24-6   |
| <b>Production Date</b>   | 2024/12/04  |

#### 2. Analytical Data

| Test Item | Specification             | Result   |
|-----------|---------------------------|----------|
| HPLC      | ≥97%                      | ≥97%     |
| NMR       | Consistent with structure | Confirms |

#### 3. Structure



#### 4. Storage Condition

|                          |            |       |          |
|--------------------------|------------|-------|----------|
| <b>Storage Condition</b> | Powder     | -20°C | 3 years  |
|                          |            | 4°C   | 2 years  |
|                          | In solvent | -80°C | 6 months |
|                          |            | -20°C | 1 month  |

**Products are for research use only • Not for human or veterinary use**