# RedChemExpress

## Certificate of Analysis

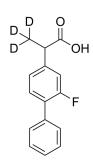
### Flurbiprofen-d<sub>3</sub>

| Cat. No.:      | HY-10582S  |
|----------------|--|
| CAS No.:       | 1185133-81-6   |
| Batch No.:     | 258562   |
| Chemical Name: | [1,1'-Biphenyl]-4-acetic acid, 2-fluoro-α-(methyl-d3)- |

#### PHYSICAL AND CHEMICAL PROPERTIES

| Molecular Formula: | $\rm C_{15}H_{10}D_3FO_2$ |       |          |
|--------------------|---------------------------|-------|----------|
| Molecular Weight:  | 247.28                    |       |          |
| Storage:           | Powder                    | -20°C | 3 years  |
|                    |                           | 4°C   | 2 years  |
|                    | In solvent                | -80°C | 6 months |
|                    |                           | -20°C | 1 month  |

#### **Chemical Structure:**



#### ANALYTICAL DATA

| Appearance:                  | White to off-white (Solid)  |
|------------------------------|---|
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (HPLC):               | 99.94%  |
| Isotopic Enrichment:         | 98.20%  |
| 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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