

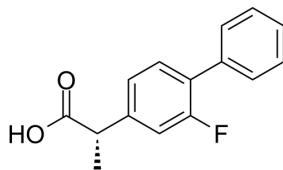
## (S)-Flurbiprofen

Cat. No.: HY-15123  
CAS No.: 51543-39-6  
Batch No.: 67434  
Chemical Name: [1,1'-Biphenyl]-4-acetic acid, 2-fluoro- $\alpha$ -methyl-, ( $\alpha$ S)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>15</sub>H<sub>13</sub>FO<sub>2</sub>  
Molecular Weight: 244.26  
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  
Enantiomeric Excess: 99.02%  
Purity (LCMS): 99.83%  
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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