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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

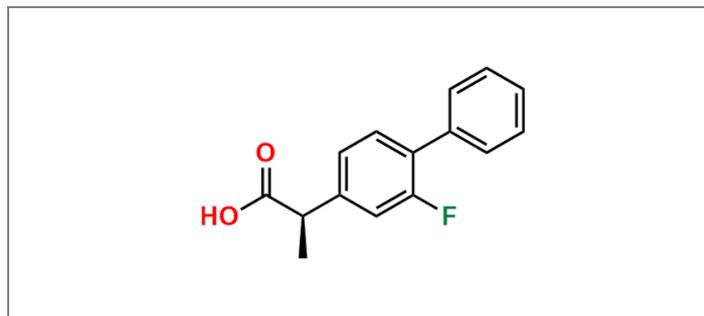
Re-test Date: Feb 2029

**Product Name: Flurbiprofen (R)-Isomer**

### Identification:

Chemical Name: (R)-2-(2-Fluoro-[1,1'-biphenyl]-4-yl)propanoic acid

Synonyms : NA  
CAS Number : 51543-40-9  
CAT Number : CP-F21010  
Molecular Formula : C<sub>15</sub>H<sub>13</sub>FO<sub>2</sub>  
Molecular Weight : 244.26  
Batch Number : CP-FLB-R-0126



Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C  
Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA

### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.93%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	0.226 %
9)	Potency by TGA	99.70%



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.