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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

Product Name: Flurbiprofen (S)-Isomer

Identification:

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

Synonyms : Dexflurbiprofen ; Esflurbiprofen

CAS Number : 51543-39-6

CAT Number : CP-F21009

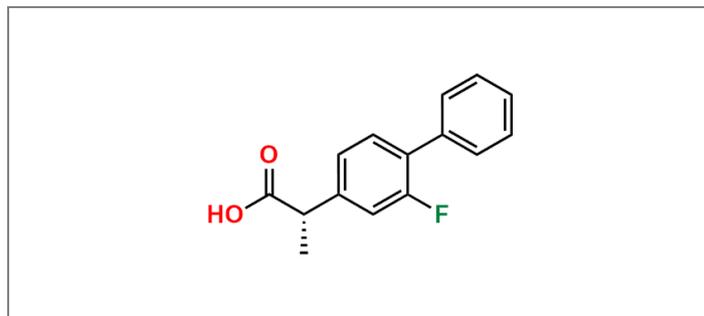
Molecular Formula : C₁₅H₁₃FO₂

Molecular Weight : 244.26

Batch Number : CP-FLB-S-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 | 99.94% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | ¹³ C NMR | Confirm to Structure |
| 7) | IR | Confirm to Structure |
| 8) | Weight loss by TGA | 0.123 % |
| 9) | Potency by TGA | 99.82% |



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.