

1. Identification

Catalogue Number

F598703

Lot Number

20-BHW-75-5

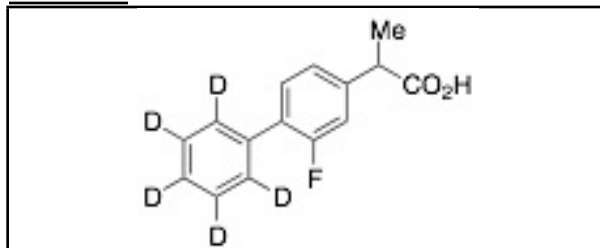
Product Name

Flurbiprofen-d5

Synonyms

2-Fluoro- α -methyl-[1,1'-biphenyl]-4-acetic-d5 Acid; 3-Fluoro-4-phenylhydratropic-d5 Acid; (+/-)-Flurbiprofen-d5; 2-Fluoro- α -methyl-4-diphenylacetic-d5 Acid; Adfeed-d5; Ansaïd-d5; Fluorfen-d5; Froben-d5; Stayban-d5; U 27182-d5; Zepolas-d5; dl-2-(2-Fluoro-4-biphenyl)propionic-d5 Acid; dl-Flurbiprofen-d5;

Structure



CAS Number

215175-76-1

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₅H₈D₅FO₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

249.29

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Pale Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	96.18% (205 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.8%

Additional Information

Normalized Intensity: d₀ = 0.04%, d₁ = 0.34%, d₂ = 0.04%, d₃ = 0.14%, d₄ = 3.83%, d₅ = 95.61%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed.
The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			6/26/2024	6/24/2028
Neha Khanna	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		