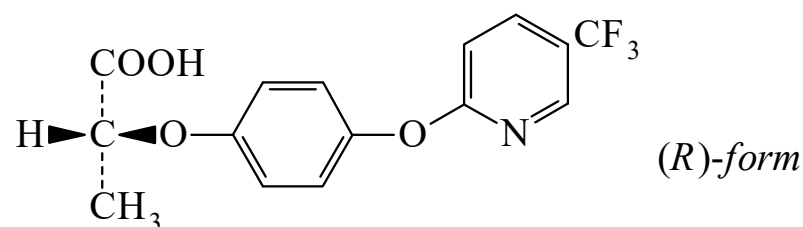




>>Entry Name: **Fluazifop**, ANSI, BSI, ISO

Synonym(s): 2-[4-[[5-(Trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoic acid, 9CI



CAS Registry Number: 69335-91-7

Related CAS Registry Numbers(s): 79241-47-7 86334-14-7 95977-30-3

Molecular Formula: C₁₅H₁₂F₃NO₄

Molecular Weight: 327.259

Accurate Mass: 327.071843

Percentage Composition: C 55.05%; H 3.70%; F 17.42%; N 4.28%; O 19.56%

Use/Importance: Fatty acid synth. inhibitor

>>Variant: (R)-form

Synonym(s): **Fluazifop-P**, ANSI, BSI, ISO

CAS Registry Number: 83066-88-0

Molecular Formula: C₁₅H₁₂F₃NO₄

Molecular Weight: 327.259

Accurate Mass: 327.071843

Percentage Composition: C 55.05%; H 3.70%; F 17.42%; N 4.28%; O 19.56%

>>Derivative: Butyl ester

Synonym(s): **Fluazifop-P-butyl**. Fusilade P. Fusilade 5. Fusilade 2000. PP005. ICIA0005

CAS Registry Number: 79241-46-6

Molecular Formula: C₁₉H₂₀F₃NO₄

Molecular Weight: 383.366

Accurate Mass: 383.134443

Percentage Composition: C 59.53%; H 5.26%; F 14.87%; N 3.65%; O 16.69%

Use/Importance: Herbicide. More active than racemate

Physical Description: Liq.

Melting Point: Mp 5°

>>Variant: (±)-form

CAS Registry Number: 86023-37-2

Molecular Formula: C₁₅H₁₂F₃NO₄

Molecular Weight: 327.259

Accurate Mass: 327.071843

Percentage Composition: C 55.05%; H 3.70%; F 17.42%; N 4.28%; O 19.56%

>>Derivative: Butyl ester

Synonym(s): **Fluazifop-butyl**. Fusilade. Onecide. PP009

CAS Registry Number: 69806-50-4

Use/Importance: Herbicide

Physical Description: Pale straw liq.

Melting Point: Mp 13°

Hazard & Toxicity: LD₅₀ (rat, orl) 3330 mg/kg

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