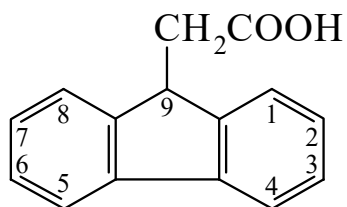




>>Entry Name: 9*H*-Fluorene-9-acetic acid



CAS Registry Number: 6284-80-6

Related CAS Registry Numbers(s): 40356-30-7

Molecular Formula: C₁₅H₁₂O₂

Molecular Weight: 224.259

Accurate Mass: 224.08373

Percentage Composition: C 80.34%; H 5.39%; O 14.27%

Physical Description: Cryst. (AcOH aq. or C₆H₆/petrol)

Melting Point: Mp 131-132°

Aldrich: 32889-8

Fluka: 46913

>>Derivative: Me ester

Molecular Formula: C₁₆H₁₄O₂

Molecular Weight: 238.285

Accurate Mass: 238.09938

Percentage Composition: C 80.65%; H 5.92%; O 13.43%

Physical Description: Cryst. (MeOH)

Melting Point: Mp 65-66°

>>Derivative: Et ester

Molecular Formula: C₁₇H₁₆O₂

Molecular Weight: 252.312

Accurate Mass: 252.11503

Percentage Composition: C 80.93%; H 6.39%; O 12.68%

Boiling Point: Bp_{0.1} 106-112°

>>Derivative: Nitrile

Synonym(s): 9*H*-Fluorene-9-acetonitrile. 9-(Cyanomethyl)fluorene

CAS Registry Number: 21745-43-7

Molecular Formula: C₁₅H₁₁N

Molecular Weight: 205.259

Accurate Mass: 205.089149

Percentage Composition: C 87.77%; H 5.40%; N 6.82%

Physical Description: Cryst. (EtOAc)

Melting Point: Mp 134-135°

References:

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