



>>Derivative: Me ester, Ac

CAS Registry Number: 30836-32-9

Molecular Formula: C₁₂H₁₄O₄

Molecular Weight: 222.24

Accurate Mass: 222.08921

Percentage Composition: C 64.85%; H 6.35%; O 28.80%

Optical Rotation: [α]_D -7 (c, 4.8 in CHCl₃)

>>Derivative: Et ester

CAS Registry Number: 20918-87-0

Molecular Formula: C₁₁H₁₄O₃

Molecular Weight: 194.23

Accurate Mass: 194.094295

Percentage Composition: C 68.02%; H 7.26%; O 24.71%

Melting Point: Mp 47-49°

Boiling Point: Bp_{0.1} 105-109°

Optical Rotation: [α]_D²⁴ -22.6 (c, 4.33 in C₆H₆)

>>Variant: (±)-form

CAS Registry Number: 828-01-3

Molecular Formula: C₉H₁₀O₃

Molecular Weight: 166.176

Accurate Mass: 166.062995

Percentage Composition: C 65.05%; H 6.07%; O 28.88%

Melting Point: Mp 97-98°

Fluka: 78840

Sigma: P7251

>>Derivative: Ac

CAS Registry Number: 69056-25-3

Molecular Formula: C₁₁H₁₂O₄

Molecular Weight: 208.213

Accurate Mass: 208.07356

Percentage Composition: C 63.45%; H 5.81%; O 30.74%

Melting Point: Mp 72°

>>Derivative: Me ester

CAS Registry Number: 21632-25-7

Molecular Formula: C₁₀H₁₂O₃

Molecular Weight: 180.203

Accurate Mass: 180.078645

Percentage Composition: C 66.65%; H 6.71%; O 26.64%

Melting Point: Mp 33°

Boiling Point: Bp₁₅ 143°

Sigma: P8216

>>Derivative: Amide

CAS Registry Number: 705-59-9

Molecular Formula: C₉H₁₁NO₂

Molecular Weight: 165.191

Accurate Mass: 165.078979

Percentage Composition: C 65.44%; H 6.71%; N 8.48%; O 19.37%

Melting Point: Mp 111-112°

Solubility: Sol. H₂O, spar. sol. C₆H₆