



CAS Registry Number: 334-47-4
Molecular Formula: C₁₀H₁₉FO
Molecular Weight: 174.258
Accurate Mass: 174.141993
Percentage Composition: C 68.93%; H 10.99%; F 10.90%; O 9.18%
Physical Description: Liq.
Boiling Point: Bp₁₅ 92°

>>Derivative: Chloride

CAS Registry Number: 112-13-0
Molecular Formula: C₁₀H₁₉ClO
Molecular Weight: 190.712
Accurate Mass: 190.112442
Percentage Composition: C 62.98%; H 10.04%; Cl 18.59%; O 8.39%
Physical Description: Liq.
Boiling Point: Bp₁₅ 114°
Aldrich: 38757-6
Fluka: 21460
Sigma: C9634

>>Derivative: Amide

CAS Registry Number: 2319-29-1
Molecular Formula: C₁₀H₂₁NO
Molecular Weight: 171.282
Accurate Mass: 171.162314
Percentage Composition: C 70.12%; H 12.36%; N 8.18%; O 9.34%
Melting Point: Mp 108°. Mp 98°
Rare Chemicals Library: S54987-8
Sigma: C1750

>>Derivative: 2-Methylpropylamide

Synonym(s): *N*-(2-Methylpropyl)decanamide, 9Cl. **Decanoic acid isobutylamide**

CAS Registry Number: 73785-31-6

Molecular Formula: C₁₄H₂₉NO
Molecular Weight: 227.389
Accurate Mass: 227.224914
Percentage Composition: C 73.95%; H 12.85%; N 6.16%; O 7.04%
Biological Source: Trace constit. of *Cissampelos glaberrima* roots
Physical Description: Solid (EtOAc)
Other Data: Unstable at r.t. Struct. based on ms data only

>>Derivative: Nitrile

Synonym(s): Decanenitrile, 9Cl. 1-Cyanononane. Caprinitrile

CAS Registry Number: 1975-78-6
Molecular Formula: C₁₀H₁₉N
Molecular Weight: 153.267
Accurate Mass: 153.151749
Percentage Composition: C 78.37%; H 12.49%; N 9.14%
Physical Description: Liq.
Boiling Point: Bp₇₁₀ 240°. Bp₁₀ 105°. Bp 235-237°
Fluka: 21495

>>Derivative: Anhydride

CAS Registry Number: 2082-76-0
Molecular Formula: C₂₀H₃₈O₃
Molecular Weight: 326.518
Accurate Mass: 326.282095
Percentage Composition: C 73.57%; H 11.73%; O 14.70%
Melting Point: Mp 24-25°
Boiling Point: Bp_{0.05} 125-140°