



CAS Registry Number: 2735-04-8

Molecular Formula: $C_8H_{11}NO_2$

Molecular Weight: 153.18

Accurate Mass: 153.078979

Percentage Composition: C 62.73%; H 7.24%; N 9.14%; O 20.89%

Biological Source: Alarm pheromone isol. from *Neanura muscorum*

Physical Description: Plates (petrol) or oil

Melting Point: Mp 32.5-33.5°

Boiling Point: Bp_{0.006} 75-80°

Hazard & Toxicity: LD₅₀ (rat, orl) 464 mg/kg

Aldrich: D12980-1

Fluka: 38575

>>Derivative: Di-Me ether; hydrochloride

CAS Registry Number: 54150-69-5

Melting Point: Mp 230 dec.°

Aldrich: 34330-7

>>Derivative: Di-Me ether, *N*-Ac

CAS Registry Number: 23042-75-3

Molecular Formula: $C_{10}H_{13}NO_3$

Molecular Weight: 195.218

Accurate Mass: 195.089544

Percentage Composition: C 61.53%; H 6.71%; N 7.17%; O 24.59%

Physical Description: Cryst. (Me₂CO aq.)

Melting Point: Mp 117°

Rare Chemicals Library: S65467-1

>>Derivative: Di-Et ether

Synonym(s): 2,4-Diethoxyaniline

CAS Registry Number: 97-48-3

Molecular Formula: $C_{10}H_{15}NO_2$

Molecular Weight: 181.234

Accurate Mass: 181.110279

Percentage Composition: C 66.27%; H 8.34%; N 7.73%; O 17.66%

Physical Description: Brownish-red needles and plates (C₆H₆/petrol)

Melting Point: Mp 34°

Boiling Point: Bp 250-252°