



Molecular Formula: $C_{14}H_{21}NO_2$

Molecular Weight: 235.325

Accurate Mass: 235.157229

Percentage Composition: C 71.46%; H 8.99%; N 5.95%; O 13.60%

Use/Importance: Reagent for the indirect photometric detection of aliphatic compds. by reversed phase hplc

Melting Point: Mp 80.5°

>>Derivative: Chloride

CAS Registry Number: 16106-38-0

Molecular Formula: C_7H_6ClNO

Molecular Weight: 155.583

Accurate Mass: 155.013791

Percentage Composition: C 54.04%; H 3.89%; Cl 22.79%; N 9.00%; O 10.28%

Physical Description: Yellow cryst.

Melting Point: Mp 31°

Boiling Point: Bp₁₂ 120°

>>Derivative: Amide

CAS Registry Number: 2835-68-9

Molecular Formula: $C_7H_8N_2O$

Molecular Weight: 136.153

Accurate Mass: 136.063663

Percentage Composition: C 61.75%; H 5.92%; N 20.57%; O 11.75%

Physical Description: Light yellow cryst. + $\frac{1}{2}H_2O$

Melting Point: Mp 183°

Aldrich: 28457-2

Sigma: A1658

>>Derivative: Anilide

Synonym(s): 4-Amino-*N*-phenylbenzamide

CAS Registry Number: 782-45-6

Molecular Formula: $C_{13}H_{12}N_2O$

Molecular Weight: 212.251

Accurate Mass: 212.094963

Percentage Composition: C 73.57%; H 5.70%; N 13.20%; O 7.54%

Physical Description: Cryst. (C_6H_6 /petrol)

Melting Point: Mp 138-140°

pKa Value: pK_a 2.94 (23°, 1.6% MeCN aq.)