



Boiling Point: Bp₁₅ 125°

>>Derivative: Amide

CAS Registry Number: 3544-24-9

Molecular Formula: C₇H₈N₂O

Molecular Weight: 136.153

Accurate Mass: 136.063663

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

Physical Description: Cryst. (C₆H₆)

Melting Point: Mp 115°

Aldrich: 25301-4

Sigma: A0788

>>Derivative: Anilide

Synonym(s): 3-Amino-*N*-phenylbenzamide, 9CI

CAS Registry Number: 14315-16-3

Molecular Formula: C₁₃H₁₂N₂O

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. (C₆H₆/petrol)

Melting Point: Mp 124-125°

>>Derivative: Hydrazide

CAS Registry Number: 14062-34-1

Molecular Formula: C₇H₉N₃O

Molecular Weight: 151.168

Accurate Mass: 151.074562

Percentage Composition: C 55.62%; H 6.00%; N 27.80%; O 10.58%

Use/Importance: Comonomer for polyhydrazides

Physical Description: Cryst. (CHCl₃)

Melting Point: Mp 91-92°

>>Derivative: Nitrile

>>Derivative: Anhydride

Molecular Formula: C₁₄H₁₂N₂O₃

Molecular Weight: 256.26

Accurate Mass: 256.084793

Percentage Composition: C 65.62%; H 4.72%; N 10.93%; O 18.73%

Physical Description: Needles (C₆H₆)

Melting Point: Mp 113-114°

>>Derivative: *N*-Ac

CAS Registry Number: 587-48-4

Molecular Formula: C₉H₉NO₃

Molecular Weight: 179.175

Accurate Mass: 179.058244

Percentage Composition: C 60.33%; H 5.06%; N 7.82%; O 26.79%

Physical Description: Needles (EtOH)

Melting Point: Mp 248-249°

pKa Value: pK_{a1} 4.03 (25°)

Rare Chemicals Library: S54462-0