



>>Derivative: *N*-Benzoyl

Synonym(s): *N*-(3-Aminophenyl)benzamide, 9Cl. 3-Aminobenzanilide

CAS Registry Number: 16091-26-2

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. (EtOH aq.)

Melting Point: Mp 125° (120-122°)

>>Derivative: *N,N'*-Dibenzoyl

Synonym(s): *N,N'*-1,3-Phenylenebisbenzamide, 9Cl. 1,3-Bis(benzamido)benzene

CAS Registry Number: 17223-18-6

Molecular Formula: C₂₀H₁₆N₂O₂

Molecular Weight: 316.359

Accurate Mass: 316.121178

Percentage Composition: C 75.93%; H 5.10%; N 8.85%; O 10.11%

Physical Description: Needles (AcOH)

Melting Point: Mp 241-242°

>>Derivative: *N*-Me

CAS Registry Number: 50617-73-7

Molecular Formula: C₇H₁₀N₂

Molecular Weight: 122.169

Accurate Mass: 122.084398

Percentage Composition: C 68.82%; H 8.25%; N 22.93%

Physical Description: Liq.

Boiling Point: Bp 265-270°. Bp₁₀ 160-163°

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

Synonym(s): *N,N*-Dimethyl-1,3-benzenediamine, 9Cl

CAS Registry Number: 2836-04-6

Molecular Formula: C₈H₁₂N₂

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Physical Description: Liq.

Melting Point: Mp 20°

Boiling Point: Bp 268-270°. Bp₁₃ 146°

>>Derivative: *N,N*-Di-Me; hydrochloride (1:2)

CAS Registry Number: 3575-32-4

Melting Point: Mp 217 dec.°

Aldrich: 21922-3

Fluka: 7765

Sigma: D3886

>>Derivative: *N,N'*-Di-Me

Synonym(s): *N,N'*-Dimethyl-1,3-benzenediamine, 9Cl. 1,3-Bis(methylamino)benzene

CAS Registry Number: 14814-75-6

Molecular Formula: C₈H₁₂N₂

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Physical Description: Oil

Boiling Point: Bp 275-280°. Bp₁₀ 165-170°