



Synonym(s): *N*-Benzoyl-*N*-phenylbenzamide, 9CI. Dibenzanilide. *N*-Phenyldibenzamide

CAS Registry Number: 3027-01-8

Molecular Formula: C₂₀H₁₅NO₂

Molecular Weight: 301.344

Accurate Mass: 301.110279

Percentage Composition: C 79.72%; H 5.02%; N 4.65%; O 10.62%

Melting Point: Mp 163-164°

Rare Chemicals Library: S7792-6

>>**Derivative:** *N*-Me

see *N*-Methylaniline, [FCT61-Y](#)

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

see *N,N*-Dimethylaniline, [CLQ85-X](#)

>>**Derivative:** *N*-Et

see *N*-Ethylaniline, [DSX87-Q](#)

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

see *N,N*-Diethylaniline, [BJP31-A](#)

>>**Derivative:** *N,N*-Divinyl

CAS Registry Number: 7178-41-8

Molecular Formula: C₁₀H₁₁N

Molecular Weight: 145.204

Accurate Mass: 145.089149

Percentage Composition: C 82.72%; H 7.64%; N 9.65%

Physical Description: Liq.

Boiling Point: Bp₁₀ 81-81.7°

Density: d₄²⁰ 0.955

Refractive Index: n_D²⁰ 1.5734

Other Data: Undergoes radical polym.; different polymer structures are obt. in bulk and soln. polym. Q/e values for copolym., Q 0.26, e –0.68

>>**Derivative:** *N*-Propyl

see *N*-Propylaniline, [FDL65-V](#)

>>**Derivative:** *N*-Isopropyl

see *N*-Isopropylaniline, [DTC83-S](#)

>>**Derivative:** *N*-(2-Propenyl)

Synonym(s): *N*-(2-Propenyl)benzenamine. *N*-Allylaniline. *N*-Phenylallylamine

CAS Registry Number: 589-09-3

Molecular Formula: C₉H₁₁N

Molecular Weight: 133.193

Accurate Mass: 133.089149

Percentage Composition: C 81.16%; H 8.32%; N 10.52%

Boiling Point: Bp₇₃₆ 217-218°

Aldrich: A2900-3

>>**Derivative:** *N,N*-Di-2-propenyl

CAS Registry Number: 36284-38-5

Molecular Formula: C₁₂H₁₅N

Molecular Weight: 173.257

Accurate Mass: 173.120449

Percentage Composition: C 83.19%; H 8.73%; N 8.08%

Boiling Point: Bp₈ 102-103°

Other: PB D03310

>>**Derivative:** *N*-Butyl