



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

**CAS Registry Number:** 3027-01-8

**Molecular Formula:** C<sub>20</sub>H<sub>15</sub>NO<sub>2</sub>

**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:** C<sub>10</sub>H<sub>11</sub>N

**Molecular Weight:** 145.204

**Accurate Mass:** 145.089149

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

**Physical Description:** Liq.

**Boiling Point:** Bp<sub>10</sub> 81-81.7°

**Density:** d<sub>4</sub><sup>20</sup> 0.955

**Refractive Index:** n<sub>D</sub><sup>20</sup> 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:** C<sub>9</sub>H<sub>11</sub>N

**Molecular Weight:** 133.193

**Accurate Mass:** 133.089149

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

**Boiling Point:** Bp<sub>736</sub> 217-218°

**Aldrich:** A2900-3

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

**CAS Registry Number:** 36284-38-5

**Molecular Formula:** C<sub>12</sub>H<sub>15</sub>N

**Molecular Weight:** 173.257

**Accurate Mass:** 173.120449

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

**Boiling Point:** Bp<sub>8</sub> 102-103°

**Other:** PB D03310

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