



**Physical Description:** Cryst. (Me<sub>2</sub>CO aq.)

**Melting Point:** Mp 194.5-195°

>>**Derivative:** 2-Me, *N*<sup>3</sup>-Ac, Et ester

**CAS Registry Number:** 88320-47-2

**Molecular Formula:** C<sub>9</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>

**Molecular Weight:** 211.22

**Accurate Mass:** 211.095692

**Percentage Composition:** C 51.18%; H 6.20%; N 19.89%; O 22.72%

**Melting Point:** Mp 101-103°

>>**Derivative:** 2-Me, *N*<sup>3</sup>-Ac, nitrile

**CAS Registry Number:** 5334-42-9

**Molecular Formula:** C<sub>7</sub>H<sub>8</sub>N<sub>4</sub>O

**Molecular Weight:** 164.166

**Accurate Mass:** 164.069811

**Percentage Composition:** C 51.21%; H 4.91%; N 34.13%; O 9.75%

**Physical Description:** Cryst. (toluene)

**Melting Point:** Mp 138-139°

>>**Derivative:** 2-Benzyl, nitrile

**Synonym(s):** 5-Amino-1-benzyl-4-cyanopyrazole

**CAS Registry Number:** 91091-13-3

**Molecular Formula:** C<sub>11</sub>H<sub>10</sub>N<sub>4</sub>

**Molecular Weight:** 198.227

**Accurate Mass:** 198.090546

**Percentage Composition:** C 66.65%; H 5.08%; N 28.26%

**Physical Description:** Cryst. (EtOH)

**Melting Point:** Mp 184-185.5°

>>**Derivative:** 2-Ph, amide

**CAS Registry Number:** 50427-77-5

**Molecular Formula:** C<sub>10</sub>H<sub>10</sub>N<sub>4</sub>O

**Molecular Weight:** 202.215

**Accurate Mass:** 202.085461

**Percentage Composition:** C 59.40%; H 4.98%; N 27.71%; O 7.91%

**Physical Description:** Cryst. (H<sub>2</sub>O)

**Melting Point:** Mp 172-173°

**Aldrich:** A7380-0

**Rare Chemicals Library:** S41413-1

>>**Derivative:** 2-Ph, nitrile

**Synonym(s):** 5-Amino-4-cyano-1-phenyl-1*H*-pyrazole

**CAS Registry Number:** 5334-43-0

**Molecular Formula:** C<sub>10</sub>H<sub>8</sub>N<sub>4</sub>

**Molecular Weight:** 184.2

**Accurate Mass:** 184.074896

**Percentage Composition:** C 65.21%; H 4.38%; N 30.42%

**Physical Description:** Cryst. (H<sub>2</sub>O)

**Melting Point:** Mp 140°

**Rare Chemicals Library:** S34098-7

#### References: