



>>Entry Name: 5-Phenyl-1*H*-pyrrole-3-carboxylic acid, 9CI

**Molecular Formula:** C<sub>11</sub>H<sub>9</sub>NO<sub>2</sub>

**Molecular Weight:** 187.198

**Accurate Mass:** 187.063329

**Percentage Composition:** C 70.58%; H 4.85%; N 7.48%; O 17.09%

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

**Melting Point:** Mp 206-208 (180°) dec.°

>>Derivative: Et ester

**Molecular Formula:** C<sub>13</sub>H<sub>13</sub>NO<sub>2</sub>

**Molecular Weight:** 215.251

**Accurate Mass:** 215.094629

**Percentage Composition:** C 72.54%; H 6.09%; N 6.51%; O 14.87%

**Physical Description:** Cryst. (C<sub>6</sub>H<sub>6</sub>)

**Melting Point:** Mp 149-151°

>>Derivative: Nitrile

**Synonym(s):** 4-Cyano-2-phenylpyrrole

**CAS Registry Number:** 122453-85-4

**Molecular Formula:** C<sub>11</sub>H<sub>8</sub>N<sub>2</sub>

**Molecular Weight:** 168.198

**Accurate Mass:** 168.068748

**Percentage Composition:** C 78.55%; H 4.79%; N 16.66%

**Physical Description:** Cryst. (C<sub>6</sub>H<sub>6</sub>)

**Melting Point:** Mp 161-163°

#### References:

Blicke, F.F. *et al.*, *J.A.C.S.*, 1944, **66**, 1675

Di Santo, R. *et al.*, *Synth. Commun.*, 1995, **25**, 795, (*nitrile, Et ester*)