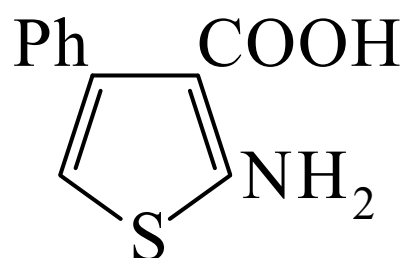




>>Entry Name: 2-Amino-4-phenyl-3-thiophenecarboxylic acid



**CAS Registry Number:** 122835-43-2

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

**Molecular Weight:** 219.264

**Accurate Mass:** 219.035399

**Percentage Composition:** C 60.26%; H 4.14%; N 6.39%; O 14.59%; S 14.62%

**Physical Description:** Grey needles (EtOH)

**Melting Point:** Mp 197°

>>Derivative: Et ester

**CAS Registry Number:** 4815-36-5

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

**Molecular Weight:** 247.317

**Accurate Mass:** 247.066699

**Percentage Composition:** C 63.13%; H 5.30%; N 5.66%; O 12.94%; S 12.97%

**Physical Description:** Pale brown needles or yellow cryst. (EtOH)

**Melting Point:** Mp 98°

#### References:

Abdelrazek, F.M., *Z. Naturforsch., B*, 1989, **44**, 488, (*synth, ir, pmr, cmr*)

Joseph, P.S. *et al.*, *Acta Cryst. C*, 1991, **47**, 1748, (*synth, cryst struct*)

Hozien, Z.A. *et al.*, *Synth. Commun.*, 1996, **26**, 3733, (*Et ester*)