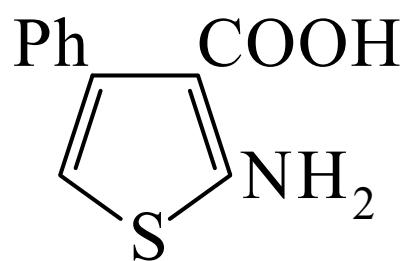




>>Entry Name: 2-Amino-4-phenyl-3-thiophenecarboxylic acid



CAS Registry Number: 122835-43-2

Molecular Formula: C₁₁H₉NO₂S

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: C₁₃H₁₃NO₂S

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*)