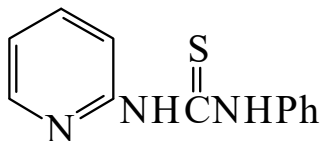




>>Entry Name: *N*-Phenyl-*N'*-pyridinylthiourea, 9Cl



CAS Registry Number: 886-60-2

Molecular Formula: C₁₂H₁₁N₃S

Molecular Weight: 229.305

Accurate Mass: 229.067367

Percentage Composition: C 62.86%; H 4.84%; N 18.32%; S 13.98%

Use/Importance: Used as 1mM soln. in aq. Me₂CO for photometric detn. of Sb (λ_{max} 410 nm, ϵ 30000), Rh (λ_{max} 335 nm, ϵ 28000)

Physical Description: Yellow cryst.

Melting Point: Mp 172°

Solubility: Sol. Me₂CO

Rare Chemicals Library: S52733-5

References:

Mathur, S.P. *et al.*, *Rev. Latinoam. Quim.*, 1975, **6**, 160; *CA*, **84**, 98852m, (*detn*, *Sb*)

Usatenko, Yu.I. *et al.*, *Zh. Anal. Khim.*, 1979, **34**, 1211, (*detn*, *Rh*)