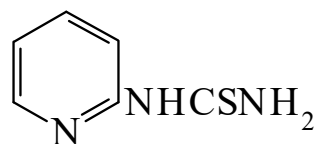




>>Entry Name: 2-Pyridinylthiourea, 9CI



CAS Registry Number: 14294-11-2

Molecular Formula: C₆H₇N₃S

Molecular Weight: 153.207

Accurate Mass: 153.036067

Percentage Composition: C 47.04%; H 4.61%; N 27.43%; S 20.93%

Use/Importance: Used as 0.03*M* soln. in EtOH for photometric detn. of Re(*VII*) (λ_{max} 405 nm, ϵ 16000)

Physical Description: Cryst.

Melting Point: Mp 135°

Solubility: Sol. EtOH

References:

Pollock, E.N. *et al.*, *Anal. Chim. Acta*, 1965, **32**, 418, (*synth*)

Dutta, G. *et al.*, *Mikrochim. Acta*, 1986, **1**, 359, (*detn, Re*)