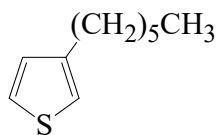




>>Entry Name: 3-Hexylthiophene, 9CI



CAS Registry Number: 1693-86-3

Molecular Formula: C₁₀H₁₆S

Molecular Weight: 168.302

Accurate Mass: 168.09727

Percentage Composition: C 71.37%; H 9.58%; S 19.05%

Use/Importance: Monomer intermediate to electrically conducting polymer films

Boiling Point: Bp 120-122°. Bp_{0.45} 65°

Density: d 0.94

Refractive Index: n_D²⁰ 1.4960

Aldrich: 39905-1

References:

Pham, C.V. *et al.*, *Synth. Commun.*, 1986, **16**, 689, (*synth, pmr*)

Leclere, M. *et al.*, *Makromol. Chem.*, 1989, **190**, 3105, (*pmr, polym*)

Bi, X. *et al.*, *Makromol. Chem.*, 1992, **193**, 2905, (*synth, polym, pmr*)