



>>Entry Name: 5-Methyl-2-furanthiol, 9CI

Synonym(s): 2-Mercapto-5-methylfuran

CAS Registry Number: 60965-60-8

Molecular Formula: C₅H₆OS

Molecular Weight: 114.168

Accurate Mass: 114.013935

Percentage Composition: C 52.60%; H 5.30%; O 14.01%; S 28.09%

Physical Description: Oil

Boiling Point: Bp_{1.7} 72-73°

>>Derivative: S-Me

Synonym(s): 2-Methyl-5-(methylthio)furan, 9CI

CAS Registry Number: 13678-59-6

Molecular Formula: C₆H₈OS

Molecular Weight: 128.195

Accurate Mass: 128.029585

Percentage Composition: C 56.22%; H 6.29%; O 12.48%; S 25.01%

Source/Synthesis: Constit. of roasted coffee aroma

Physical Description: Yellow oil

Boiling Point: Bp₅₀ 80° (Kugelrohr)

References:

Cederlund, B. *et al.*, *Acta Chem. Scand., Ser. B*, 1977, **31**, 198, (*synth, ir, pmr*)

Eugster, C.H. *et al.*, *Helv. Chim. Acta*, 1981, **64**, 2636, (*S-Me, synth, uv, ir, pmr*)