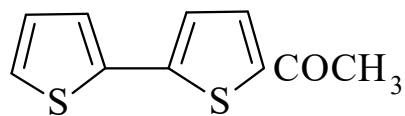




>>Entry Name: 5-Acetyl-2,2'-bithiophene

Synonym(s): 1-(2,2'-Bithiophen-5-yl)ethanone, 9CI



CAS Registry Number: 3515-18-2

Molecular Formula: C₁₀H₈OS₂

Molecular Weight: 208.305

Accurate Mass: 208.001655

Percentage Composition: C 57.66%; H 3.87%; O 7.68%; S 30.79%

Biological Source: Constit. of *Haploesthes greggii*

Physical Description: Yellow cryst.

Melting Point: Mp 113°

References:

Zeisberg, R. *et al.*, *Chem. Ber.*, 1975, **108**, 1040, (*struct, cmr*)

Bohlmann, F. *et al.*, *Phytochemistry*, 1976, **15**, 1309; 1977, **16**, 1073, (*isol, uv*)

Kagan, J., *Prog. Chem. Org. Nat. Prod.*, 1991, **56**, 87, (*rev*)

Krishnaswamy, N.R. *et al.*, *Indian J. Chem., Sect. B*, 1993, **32**, 766, (*synth*)