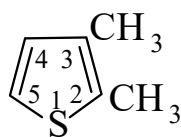




>>Entry Name: 2,3-Dimethylthiophene, 9CI
ENTRY UNDER REVIEW



CAS Registry Number: 632-16-6

Type of Compound Code(s): WE9999

Molecular Formula: C₆H₈S

Molecular Weight: 112.195

Accurate Mass: 112.03467

Percentage Composition: C 64.23%; H 7.19%; S 28.58%

Use/Importance: Odorant used in food flavouring

Melting Point: Fp -49°

Boiling Point: Bp 140-141°

Solubility: Insol. H₂O, v. sol. Et₂O, EtOH, C₆H₆

Density: d₄²⁰ 1.002

Refractive Index: n_D²⁰ 1.5192

References:

Grünewald, W., *Ber.*, 1887, **20**, 2586

Shepard, A.F., *J.A.C.S.*, 1932, **54**, 2951

Adv. Chem. Ser., 1955, **15**, 188, (*props*)

Nishimura, H. *et al.*, *J.O.C.*, 1975, **40**, 1567, (*synth, ir, ms, pmr*)