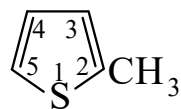




>>Entry Name: 2-Methylthiophene

Synonym(s): α -Thiotolene



CAS Registry Number: 554-14-3

Molecular Formula: C₅H₆S

Molecular Weight: 98.168

Accurate Mass: 98.01902

Percentage Composition: C 61.18%; H 6.16%; S 32.66%

Source/Synthesis: Found in coal tar

Boiling Point: Bp 110-112°

Density: d²⁰ 1.02

Refractive Index: n_D²⁰ 1.5203

Hazard & Toxicity: Highly flammable, fl. p. 8°. Ignites on contact with HNO₃. LD₅₀ (rat, orl) 3200 mg/kg

Aldrich: M8420-8

Fluka: 69360

Sigma: M1394

>>Derivative: S-Oxide

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%

Other Data: Short-lived synth. intermed. not isolated

References:

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