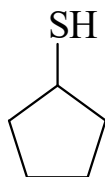




>>Entry Name: Cyclopentanethiol, 9CI

ENTRY UNDER REVIEW

Synonym(s): Mercaptocyclopentane. Cyclopentyl sulfide. Cyclopentyl mercaptan. FEMA 3262



CAS Registry Number: 1679-07-8

Molecular Formula: C₅H₁₀S

Molecular Weight: 102.2

Accurate Mass: 102.05032

Percentage Composition: C 58.76%; H 9.86%; S 31.38%

Boiling Point: Bp 131.5-132°. Bp₇₄₅ 129-131°

Density: d₄²⁰ 0.949095

Refractive Index: n_D²⁰ 1.4882 (1.4902)

Other Data: Strong odour (stench)

Aldrich: 31970-8

>>Derivative: S-Me

see (Methylthio)cyclopentane, [MKC86-F](#)

>>Derivative: S-Et

Synonym(s): (Ethylthio)cyclopentane, 9CI. Cyclopentyl ethyl sulfide, 8CI

CAS Registry Number: 7133-13-3

Molecular Formula: C₇H₁₄S

Molecular Weight: 130.254

Accurate Mass: 130.08162

Percentage Composition: C 64.55%; H 10.83%; S 24.62%

Physical Description: Oil

Boiling Point: Bp 176-177°. Bp₁₂ 60°

Refractive Index: n_D²⁰ 1.4852

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