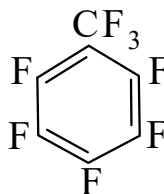




>>Entry Name: Pentafluoro(trifluoromethyl)benzene, 9CI

Synonym(s): Octafluorotoluene, 8CI. Perfluorotoluene



CAS Registry Number: 434-64-0

Molecular Formula: C<sub>7</sub>F<sub>8</sub>

Molecular Weight: 236.064

Accurate Mass: 235.987224

Percentage Composition: C 35.62%; F 64.38%

Physical Description: Liq.

Boiling Point: Bp 103°

**Hazard & Toxicity:** Explosion reported when used as solvent for high-pressure oxygenation

Aldrich: O-270-6

Fluka: 77297

#### References:

*Aldrich Library of <sup>13</sup>C and <sup>1</sup>H FT NMR Spectra*, 1992, **2**, 156A, (nmr)

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*Aldrich Library of FT-IR Spectra: Vapor Phase*, 1989, **3**, 947A, (ir)

Gething, B. *et al.*, *Nature (London)*, 1959, **183**, 588, (synth)

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Taylor, J.E., *Chem. Eng. News*, Sept. 23, 1991, 2, (haz)

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