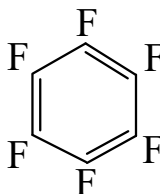




>>Entry Name: Hexafluorobenzene, 9Cl, 8Cl

Synonym(s): Perfluorobenzene



CAS Registry Number: 392-56-3

Molecular Formula: C₆F₆

Molecular Weight: 186.056

Accurate Mass: 185.990418

Percentage Composition: C 38.73%; F 61.27%

Use/Importance: Internal reference standard used in ¹⁹F nmr

Physical Description: Liq.

Melting Point: Mp 3-4°

Boiling Point: Bp₇₄₃ 81-82°

Density: d₄²⁰ 1.618

Refractive Index: n_D²⁰ 1.3765

Hazard & Toxicity: Flammable, fl. p. 10°. Explosive π -complexes with some transition metals. Irritant

Aldrich: H870-6

Fluka: 52506

Sigma: H6256

References:

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