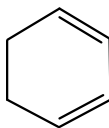




>>Entry Name: 1,3-Cyclohexadiene, 9CI

Synonym(s): 1,2-Dihydrobenzene



CAS Registry Number: 592-57-4

Related CAS Registry Numbers(s): 12169-67-4

Extra CAS Registry Numbers(s): 29797-09-9

Molecular Formula: C<sub>6</sub>H<sub>8</sub>

Molecular Weight: 80.129

Accurate Mass: 80.0626

Percentage Composition: C 89.94%; H 10.06%

Melting Point: Mp -89°

Boiling Point: Bp 80.5°

Density: d<sub>20</sub><sup>20</sup> 0.841

Refractive Index: n<sub>D</sub><sup>20</sup> 1.4740

Other Data: Gives low molecular weight homopolymers under radical, anionic, cationic and Ziegler-Natta conditions

**Hazard & Toxicity:** Highly flammable, fl. p. -6°. Slowly autoxidises to explosive peroxide

Aldrich: C10000-5

Fluka: 28900

#### References:

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