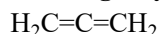




>>Entry Name: Allene

Synonym(s): Propadiene, 9CI. Isoallylene. *sym*-Allylene

CAS Registry Number: 463-49-0



Molecular Formula: C₃H₄

Molecular Weight: 40.065

Accurate Mass: 40.0313

Percentage Composition: C 89.94%; H 10.06%

Use/Importance: Undergoes photochemical [2+2] cycloaddn. to enones

Physical Description: Gas

Melting Point: Mp -146°

Boiling Point: Bp -32°

Other Data: Readily isomerises on heating → 1-Propyne [DFQ79-T](#)

Hazard & Toxicity: May explode under pressure

Aldrich: 29498-5

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