>>**Entry Name: Allene**
Synonym(s): Propadiene, 9CI. Isoallylene. *sym*-Allylene

CAS Registry Number: 463-49-0
$H_2C=C=CH_2$

Molecular Formula: C_3H_4
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

References:

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