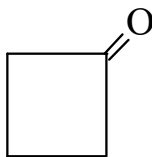




>>Entry Name: Cyclobutanone, 9CI



CAS Registry Number: 1191-95-3

Molecular Formula: C₄H₆O

Molecular Weight: 70.091

Accurate Mass: 70.041865

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Physical Description: Liq.

Boiling Point: Bp 98-99°

Solubility: Sol. H₂O

Density: d₀⁰ 0.955

Aldrich: C9600-1

Fluka: 28696

>>Derivative: Azine

Molecular Formula: C₈H₁₂N₂

Molecular Weight: 136.196

Accurate Mass: 136.100048

Percentage Composition: C 70.55%; H 8.88%; N 20.57%

Melting Point: Mp 68-69°

>>Derivative: Oxime

CAS Registry Number: 2972-05-6

Molecular Formula: C₄H₇NO

Molecular Weight: 85.105

Accurate Mass: 85.052764

Percentage Composition: C 56.45%; H 8.29%; N 16.46%; O 18.80%

Melting Point: Mp 84-85°

>>Derivative: 2,4-Dinitrophenylhydrazone

CAS Registry Number: 3349-70-0

Melting Point: Mp 147° (132°)

>>Derivative: Semicarbazone

Melting Point: Mp 204°

>>Derivative: Ethylene thioketal

see 5,8-Dithiaspiro[3.4]octane, [MJX93-Z](#)

>>Derivative: Di-Me acetal

Synonym(s): 1,1-Dimethoxycyclobutane

CAS Registry Number: 4415-90-1

Molecular Formula: C₆H₁₂O₂

Molecular Weight: 116.16

Accurate Mass: 116.08373

Percentage Composition: C 62.04%; H 10.41%; O 27.55%

Boiling Point: Bp 112-113°. Bp 63-64°

References: