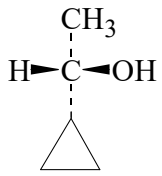
>>**Entry Name:** α-**Methylcyclopropanemethanol,** 9CI
Synonym(s): Cyclopropyl methyl carbinol. α-Hydroxyethylcyclopropane. 1-Cyclopropylethanol



(*S*)-*form*

CAS Registry Number: 765-42-4
Related CAS Registry Numbers(s): 6516-09-2

Molecular Formula: $C_5H_{10}O$
Molecular Weight: 86.133
Accurate Mass: 86.073165
Percentage Composition: C 69.72%; H 11.70%; O 18.58%

Aldrich: C11990-3
Fluka: 29930

>>**Variant:** (*S*)-form

CAS Registry Number: 55637-37-1
Molecular Formula: $C_5H_{10}O$
Molecular Weight: 86.133
Accurate Mass: 86.073165
Percentage Composition: C 69.72%; H 11.70%; O 18.58%
Physical Description: Liq.
Boiling Point: Bp_{90} 70°
Optical Rotation: $[\alpha]_D^{29}$+19.45 (neat)
Other Data: Obt. contaminated with 6.3% EtOH aq.

>>**Derivative:** Benzoyl

Molecular Formula: $C_{12}H_{14}O_2$
Molecular Weight: 190.241
Accurate Mass: 190.09938
Percentage Composition: C 75.76%; H 7.42%; O 16.82%
Physical Description: Liq.
Boiling Point: Bp_1 47-49°
Optical Rotation: $[\alpha]_D^{27}$+33.82 (neat)

>>**Variant:** (±)-form

CAS Registry Number: 10367-79-0
Molecular Formula: $C_5H_{10}O$
Molecular Weight: 86.133
Accurate Mass: 86.073165
Percentage Composition: C 69.72%; H 11.70%; O 18.58%
Physical Description: Liq.
Melting Point: Fp –32.1°
Boiling Point: Bp 123.5° (119°)
Refractive Index: n_D^{25} 1.4299

>>**Derivative:** 3,5-Dinitrobenzoyl

Melting Point: Mp 88.5-89°

References:

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