



Molecular Weight: 158.154
Accurate Mass: 158.05791
Percentage Composition: C 53.16%; H 6.37%; O 40.47%
Physical Description: Oil
Boiling Point: Bp₁₇ 94°

>>**Derivative:** Me ether
Synonym(s): 3-Methoxyacrylic acid

CAS Registry Number: 6214-29-5
Extra CAS Registry Numbers(s): 34846-90-7
Molecular Formula: C₄H₆O₃
Molecular Weight: 102.09
Accurate Mass: 102.031695
Percentage Composition: C 47.06%; H 5.92%; O 47.02%
Physical Description: Cream-coloured cryst.
Melting Point: Mp 102-103°

>>**Derivative:** Et ether
Synonym(s): 3-Ethoxyacrylic acid

CAS Registry Number: 14674-80-7
Molecular Formula: C₅H₈O₃
Molecular Weight: 116.116
Accurate Mass: 116.047345
Percentage Composition: C 51.72%; H 6.94%; O 41.34%
Physical Description: Pale yellow needles (C₆H₆/petrol)
Melting Point: Mp 109.5-110° (107-108°)

>>**Derivative:** Et ether, Et ester
Synonym(s): Ethyl 3-ethoxyacrylate

CAS Registry Number: 5941-55-9
Molecular Formula: C₇H₁₂O₃
Molecular Weight: 144.17
Accurate Mass: 144.078645
Percentage Composition: C 58.32%; H 8.39%; O 33.29%
Use/Importance: Synthon for heterocycles
Physical Description: Liq.
Boiling Point: Bp 195-196°. Bp₁₀ 88-90°

>>**Variant:** (Z)-Enol-form

Molecular Formula: C₃H₄O₃
Molecular Weight: 88.063
Accurate Mass: 88.016045
Percentage Composition: C 40.92%; H 4.58%; O 54.50%

>>**Derivative:** Et ester, Ac

CAS Registry Number: 16506-98-2
Physical Description: Oil
Boiling Point: Bp₁₇ 97°

References: