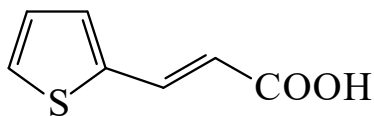




>>Entry Name: 3-(2-Thienyl)-2-propenoic acid, 9CI

Synonym(s): 3-(2-Thienyl)acrylic acid. 2-Thiopheneacrylic acid



(*E*)-form

CAS Registry Number: 1124-65-8

Molecular Formula: C₇H₆O₂S

Molecular Weight: 154.189

Accurate Mass: 154.00885

Percentage Composition: C 54.53%; H 3.92%; O 20.75%; S 20.80%

>>Variant: (*E*)-form

CAS Registry Number: 15690-25-2

Molecular Formula: C₇H₆O₂S

Molecular Weight: 154.189

Accurate Mass: 154.00885

Percentage Composition: C 54.53%; H 3.92%; O 20.75%; S 20.80%

Melting Point: Mp 146-147°

Aldrich: 13058-3

>>Derivative: Me ester

CAS Registry Number: 57502-38-2

Molecular Formula: C₈H₈O₂S

Molecular Weight: 168.216

Accurate Mass: 168.0245

Percentage Composition: C 57.12%; H 4.79%; O 19.02%; S 19.06%

Physical Description: Cryst. (hexane)

Melting Point: Mp 42°

>>Variant: (*Z*)-form

CAS Registry Number: 51019-83-1

Molecular Formula: C₇H₆O₂S

Molecular Weight: 154.189

Accurate Mass: 154.00885

Percentage Composition: C 54.53%; H 3.92%; O 20.75%; S 20.80%

Melting Point: Mp 136-137°

References:

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