



>>Entry Name: 5-(Chloromethyl)-2-furancarboxylic acid

CAS Registry Number: 39238-09-0

Related CAS Registry Numbers(s): 105850-77-9 106240-48-6

Molecular Formula: $C_6H_5ClO_3$

Molecular Weight: 160.556

Accurate Mass: 159.992722

Percentage Composition: C 44.89%; H 3.14%; Cl 22.08%; O 29.89%

>>Derivative: Me ester

CAS Registry Number: 2144-37-8

Molecular Formula: $C_7H_7ClO_3$

Molecular Weight: 174.583

Accurate Mass: 174.008372

Percentage Composition: C 48.16%; H 4.04%; Cl 20.31%; O 27.49%

Physical Description: Cryst.

Melting Point: Mp 33°

Boiling Point: Bp₁₇ 136°

Hazard & Toxicity: Vesicant

>>Derivative: Et ester

CAS Registry Number: 2528-00-9

Molecular Formula: $C_8H_9ClO_3$

Molecular Weight: 188.61

Accurate Mass: 188.024022

Percentage Composition: C 50.95%; H 4.81%; Cl 18.80%; O 25.45%

Physical Description: Oil

Boiling Point: Bp₁₇ 140°

Aldrich: 43399-3

References:

Andrisano, R., *Ann. Chim. (Rome)*, 1950, **40**, 30, (ester, synth)

Grigg, R. *et al.*, *Tetrahedron*, 1965, **21**, 3441, (esters, ms)

Nielek, S. *et al.*, *J. Prakt. Chem.*, 1988, **330**, 825, (Me ester, synth, ir, pmr)