



>>Entry Name: Dichlorohydroxyacetic acid

Synonym(s): Methyl dichloromethoxyacetate, 9Cl

CAS Registry Number: 17640-25-4

$\text{Cl}_2\text{C}(\text{OH})\text{COOH}$

Molecular Formula: $\text{C}_2\text{H}_2\text{Cl}_2\text{O}_3$

Molecular Weight: 144.941

Accurate Mass: 143.938099

Percentage Composition: C 16.57%; H 1.39%; Cl 48.92%; O 33.12%

Aldrich: 29791-7

>>Derivative: Me ether, Me ester

Molecular Formula: $\text{C}_4\text{H}_6\text{Cl}_2\text{O}_3$

Molecular Weight: 172.995

Accurate Mass: 171.969399

Percentage Composition: C 27.77%; H 3.50%; Cl 40.99%; O 27.75%

Boiling Point: Bp 179-181°. Bp₂₂ 80°

Refractive Index: n_D^{20} 1.4500

References:

Ivashchenko, Y.N. *et al.*, *Zh. Obshch. Khim.*, 1964, **34**, 609, (*synth*)

Laato, H. *et al.*, *Acta Chem. Scand.*, 1967, **21**, 2119, (*ir*)

Itoh, O. *et al.*, *Bull. Chem. Soc. Jpn.*, 1984, **57**, 810, (*synth*)