



>>Entry Name: Dibromochloroacetic acid, 9Cl

CAS Registry Number: 5278-95-5

ClCBr₂COOH

Molecular Formula: C₂HBr₂ClO₂

Molecular Weight: 252.289

Accurate Mass: 249.843179

Percentage Composition: C 9.52%; H 0.40%; Br 63.34%; Cl 14.05%; O 12.68%

Melting Point: Mp 89°

Boiling Point: Bp 232-234° dec.

Supelco: R47-3875

>>Derivative: Me ester

CAS Registry Number: 20428-75-5

Molecular Formula: C₃H₃Br₂ClO₂

Molecular Weight: 266.316

Accurate Mass: 263.858829

Percentage Composition: C 13.53%; H 1.14%; Br 60.01%; Cl 13.31%; O 12.02%

Boiling Point: Bp₁₄ 65-70°

Refractive Index: n_D²⁰ 1.5226

Supelco: R47-4360

>>Derivative: Amide

Molecular Formula: C₂H₂Br₂ClNO

Molecular Weight: 251.305

Accurate Mass: 248.859163

Percentage Composition: C 9.56%; H 0.80%; Br 63.59%; Cl 14.11%; N 5.57%; O 6.37%

Melting Point: Mp 127°

References:

Neumeister, R., *Ber.*, 1882, **15**, 603, (*synth*)

Ol'dekop, Yu.A. *et al.*, *Zh. Org. Khim.*, 1965, **1**, 1540, (*synth*)

Köbrich, G. *et al.*, *Chem. Ber.*, 1968, **101**, 3219, (*ms, synth*)