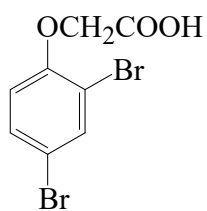




>>Entry Name: 2,4-Dibromophenoxyacetic acid



CAS Registry Number: 10129-78-9

Related CAS Registry Numbers(s): 58590-39-9

Molecular Formula: C₈H₆Br₂O₃

Molecular Weight: 309.942

Accurate Mass: 307.908367

Percentage Composition: C 31.00%; H 1.95%; Br 51.56%; O 15.49%

Use/Importance: Shows herbicidal activity

Physical Description: Needles (C₆H₆)

Melting Point: Mp 150-152°

Other: MG: Z1800

>>Derivative: Me ester

Molecular Formula: C₉H₈Br₂O₃

Molecular Weight: 323.968

Accurate Mass: 321.924017

Percentage Composition: C 33.37%; H 2.49%; Br 49.33%; O 14.82%

Boiling Point: Bp₁ 150°

References:

Newman, M.S. *et al.*, *J.A.C.S.*, 1947, **69**, 718-722, (*synth*)

Haskelberg, L., *J.O.C.*, 1947, **12**, 426-433, (*synth*)