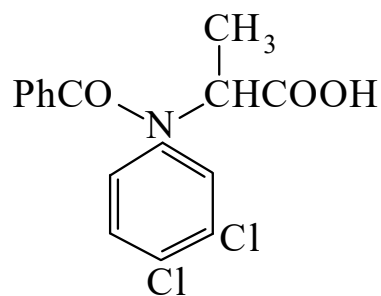




>>Entry Name: Benzoylprop, BSI, ISO, WSSA



CAS Registry Number: 22212-56-2

Related CAS Registry Numbers(s): 33878-50-1 33878-56-7

Molecular Formula: $C_{16}H_{13}Cl_2NO_3$

Molecular Weight: 338.189

Accurate Mass: 337.027248

Percentage Composition: C 56.83%; H 3.87%; Cl 20.97%; N 4.14%; O 14.19%

>>Variant: ($\pm$)-form

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Molecular Weight: 338.189

Accurate Mass: 337.027248

Percentage Composition: C 56.83%; H 3.87%; Cl 20.97%; N 4.14%; O 14.19%

>>Derivative: Et ester

Synonym(s): Benzoylprop-ethyl. Ethyl *N*-benzoyl-*N*-(3,4-dichlorophenyl)alaninate, 9Cl. Suffix

CAS Registry Number: 22212-55-1

Molecular Formula: $C_{18}H_{17}Cl_2NO_3$

Molecular Weight: 366.243

Accurate Mass: 365.058548

Percentage Composition: C 59.03%; H 4.68%; Cl 19.36%; N 3.82%; O 13.11%

Use/Importance: Selective herbicide. Now superseded

Physical Description: Off-white cryst. powder

Melting Point: Mp 70-71°

Solubility: V. spar. sol. H_2O ; v. sol. Me_2CO

References:

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Voyksner, R.D. *et al.*, *J. Chromatogr.*, 1984, **312**, 221, (*hplc, ms*)

Pesticide Manual, 8th edn., 1987, No. 850

Lewis, R.J., *Sax's Dangerous Properties of Industrial Materials*, 8th edn., Van Nostrand Reinhold, 1992, EGS000