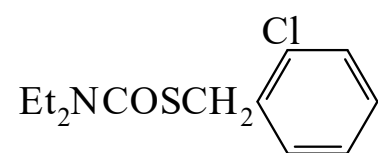




>>Entry Name: Orbencarb, BSI

Synonym(s): S-[(2-Chlorophenyl)methyl] diethylcarbamothioate, 9Cl. S-2-Chlorobenzyl diethylthiocarbamate. Orthobencarb, JMAF. Lanray. B-3356



CAS Registry Number: 34622-58-7

Molecular Formula: C<sub>12</sub>H<sub>16</sub>ClNOS

Molecular Weight: 257.783

Accurate Mass: 257.064111

Percentage Composition: C 55.91%; H 6.26%; Cl 13.75%; N 5.43%; O 6.21%; S 12.44%

Use/Importance: Herbicide. Protein synthetase inhibitor

Boiling Point: Bp<sub>1</sub> 158°. Bp<sub>0.1</sub> 140-142°

#### References:

*Ger. Pat.*, 1972, 2 135 768; *CA*, **76**, 136878u, (*synth, activity*)

Wang, C.-H. *et al.*, *Synthesis*, 1981, 622, (*synth*)

*Pesticide Manual*, 10th edn., 1994, No. 517