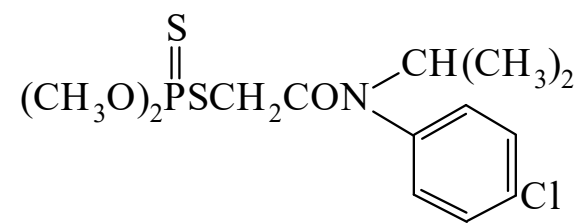




>>Entry Name: Anilofos, BSI

Synonym(s): S-[2-[4-Chlorophenyl(1-methylethyl)amino]-2-oxoethyl] O,O-dimethyl phosphorodithioate, 9Cl. S-4-Chloro-N-isopropylcarbaniloylmethyl O,O-dimethyl phosphorodithioate. Arozin. Rico



CAS Registry Number: 64249-01-0

Molecular Formula: C₁₃H₁₉ClNO₃PS₂

Molecular Weight: 367.856

Accurate Mass: 367.023248

Percentage Composition: C 42.45%; H 5.21%; Cl 9.64%; N 3.81%; O 13.05%; P 8.42%; S 17.43%

Use/Importance: Herbicide

Physical Description: Cryst.

Melting Point: Mp 50.5-52.5°

Solubility: V. sol. org. solvs.

Hazard & Toxicity: LD₅₀ (rat, orl) 830 mg/kg

References:

Ger. Pat., 1977, 2 604 225; *CA*, **87**, 147060z, (*synth, activity*)

Pesticide Manual, 9th edn., 1991, No. 410