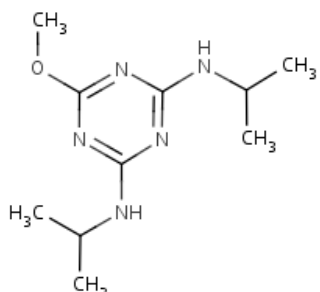
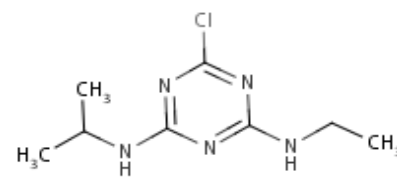
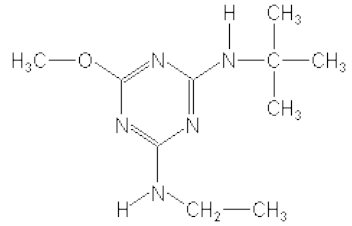
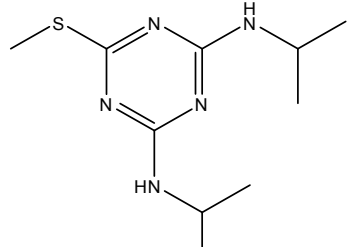
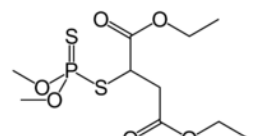
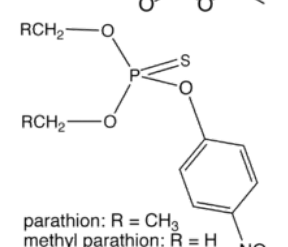
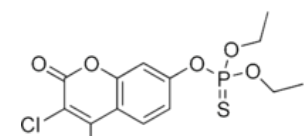


Table 1. Name, CAS number, chemical formula, solubility and LD₅₀ in rat of the pesticides investigated in this paper.

Name CAS number	Chemical Formula	Solubility	LD ₅₀
Prometon 1610-18-0		1.92 mg mL ⁻¹ in acetone	> 4000 mg kg ⁻¹ 1% degradation after 135 min in atmosphere; life-time 1000 days in soil; stable in water
Atrazine 1912-24-9		4.00 mg mL ⁻¹ in acetone	> 2000 mg kg ⁻¹ lifetime 14 hours in atmosphere; low soil pH, high organic matter content, low moisture content; 23% degradation after 9 hours in seawater
Terbumeton 33693-04-8		1.02 mg mL ⁻¹ in acetone	> 650 mg kg ⁻¹
Prometryn 7287-19-6		0.700 mg mL ⁻¹ in acetone	> 2150 mg kg ⁻¹ 50% degradation after 10 hours in atmosphere
Malathion 121-75-5		3.00 mg mL ⁻¹ in acetone	> 500 mg kg ⁻¹ 50% degradation after 5 hours in atmosphere
Parathion 56-38-2	 parathion: R = CH ₃ methyl parathion: R = H	2.58 mg mL ⁻¹ in acetone	> 2 mg kg ⁻¹ 50% degradation after 4.2 hours in atmosphere
Coumaphos 56-72-4		1.00 mg mL ⁻¹ in methanol	> 13 mg kg ⁻¹ 50% degradation after 3.7-14 hours in atmosphere