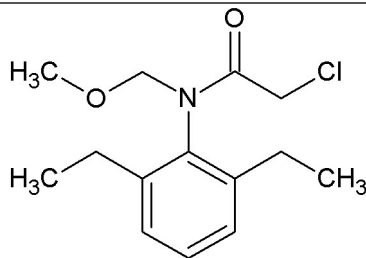


SUPPLEMENTARY MATERIAL

Table S1. Chemical properties of alachlor

Molecular Formula	Chemical structure	Molecular weight (g mol ⁻¹)	Water solubility (mg L ⁻¹ , at 20°C)	logK _{ow}	pK _a , at 25°C
C ₁₄ H ₂₀ ClNO ₂		269.77	240	3.52	0.62

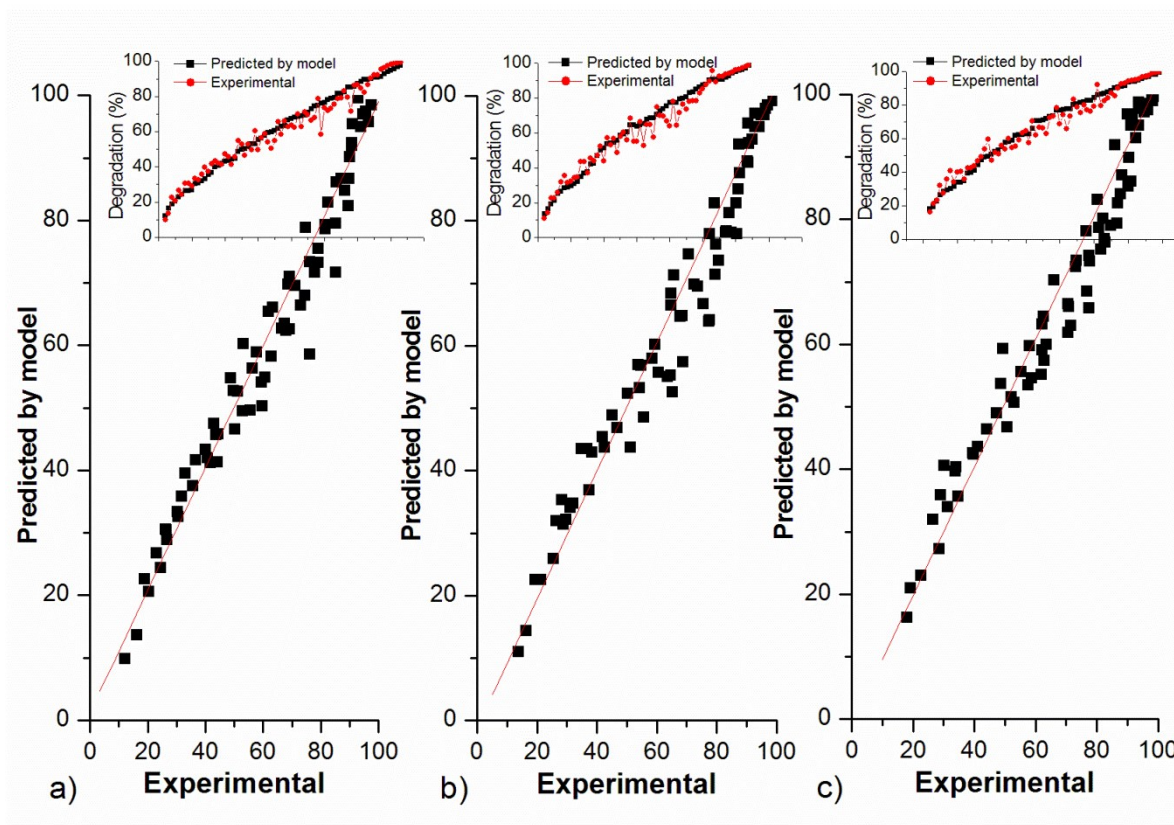


Figure S1. Correlation between the experimental and the predicted values in a regression model for: (a) UV/H₂O₂ (b) UV/S₂O₈²⁻ and (c) UV/HSO₅⁻ processes