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Faculty of Science
Chemistry Department

Analytical study the interaction between the inhibitors of serotonin-noradrenaline receptors and some pesticides in rats

ATHESIS

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List of Abbreviations

<u>Full name</u>	<u>Abbreviation</u>
Tramadol hydrochloride	TD
Ultra-Violet	UV
Standard deviation	SD
Standard error	SE
Thin layer chromatography	TLC
High performance liquid chromatography	HPLC
Gas chromatography	GC
Abamectin	ABM
Alanine aminotransferase	AST
Enzyme activities	ALT
Serotonin	SE, 5-HT
Dopamine	DA
Glutamate, γ -aminobutyric acid	GABA
Endorphin	E
Nor-epinephrine	NE
Serotonin reuptake inhibitors	siRNA
Serotonin–norepinephrine reuptake inhibitors	(SNRIs)
Acetylcholine receptor	(abbreviated ACh)
5-hydroxytryptamine receptors or 5-HT receptors, or serotonin receptors,	
Peripheral nervous system	(PNS)
Central nervous system	(CNS)

<u>Full name</u>	<u>Abbreviation</u>
LD ₅₀ dose	
Amount of inorganic phosphate produced from the hydrolytic reaction of ATP by the ATPase	ATPase
Reactive oxygen species	(ROS)
Acetylcholine Esterase	AchE
Superoxide dismutase	SOD
Reduced Glutathione	GSH

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