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Toxicity of naproxen sodium and its mixture with tramadol hydrochloride on fish early life stages

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- Increased mortality (50 %) was observed after exposure to the substance mixture
- Developmental disruptures were observed
- Higher number of skin mucous cells and gill lamellas' deformations were observed
- Tramadol and naproxen mixture exposure revealed in oxidative stress
- The lowest observed effect concentration was estimated to be $10 \ \mu g/l$

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