

عنوان مقاله:

Tert-Butylhydroquinone Introduced as an Anti- Epileptic Agent in Animal Model

محل انتشار:

سومین همایش بین المللی التهاب سیستم عصبی و سومین فستیوال دانشجویی علوم اعصاب (سال: 1398)

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خلاصه مقاله:

Epilepsy is a multifactorial and heterogeneous disorder. Molecular and biochemical events involved in its occurrence which is not fully understood and require more research. Oxidative stress is developing as a mechanism that may play a key role in the etiology of seizure induced neuronal death. In a specific pathologic process like oxidative stress generation the free radical called reactive oxygen species (ROS) result in oxidative damage to cellular proteins, lipids, and DNA. Episodes of seizures can be prevented by reducing causative or precipitating factors. Use of antioxidants can be effective in this way. Conclusion: We suggested that tert-Butylhydroquinone (tBHQ) as a phenolic antioxidant improved electrophysiological parameters and behavioral changes in PTZ induction seizure in rat.

کلمات کلیدی:

لینک ثابت مقاله در پایگاه سیویلیکا:

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