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ACTION

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(54) Title: NON-SEDATING BARBITURATE COMPOUNDS AS NEUROPROTECTIVE AGENTS

(57) Abstract: Methods of providing neuroprotection are disclosed comprising administering a non-sedative barbiturate compound in an amount sufficient to achieve neuroprotection in a mammalian subject. Preferred compounds are in the family of diphenylbarbituric acid and analogs. Preferred doses for a neuroprotective effect exceed the dosage of a corresponding sedative barbiturate without sedative side-effects such as anesthesia and death.