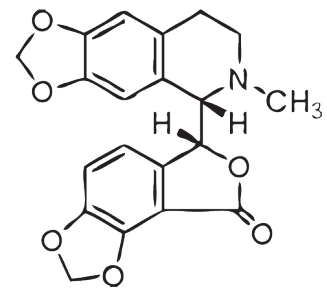


Bicuculline



BIOLOGY

GABA_A antagonists modulate network excitability in the CA3/CA1 region of the adult rat hippocampal slice. Fast glutamatergic transmission between pyramidal neurons is modulated by a dense network of gabaergic small interneurons. GABA_A receptor antagonists, such as bicuculline, induce fast oscillations of evoked responses (epileptiform activity).

PATHOLOGIES ASSOCIATED WITH GABA_A RECEPTORS

Epilepsy
Anxiety
Sleep Disorders

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