



BIOLOGY

GABA_A receptors are positively regulated by endogenous neurosteroids (TH-PROG and TH-DOC) as well as synthetic steroids (ganaxolone and alphaxalone). Slight fEPSP potentiation observed in the CA1 region results from GABA_A receptors modulation by the non-metabolized synthetic steroid ganaxolone.

PATHOLOGIES ASSOCIATED WITH GABA_A RECEPTORS

Epilepsy
Anxiety
Sleep Disorders

BIBLIOGRAPHY

Belelli & Lambert (2005), Nature Neurosci., 6, 565-575.
Rogawski, MA (2006), Epilepsy Res., 69, 273-294.
Stell, BM et al. (2003), Proc. Natl. Acad. Sci. (USA), 100, 14439-14444

Last update: March, 6, 2009