Zopiclone (RP27267) is a nonbenzodiazepine hypnotic agent used in the treatment of insomnia. Target: GABA Receptor

Zopiclone is shown to have useful hypnotic properties but residual effects are detectable using EEG and psychological tests both 10 and 13 h after ingestion. The 10-mg dose significantly impairs performance the next day; the 5-mg dose is almost devoid of residual psychomotor effects but is only marginally effective in hastening onset of sleep and does not improve sleep quality. The 7.5-mg dose has definite effects on sleep and limited residual effects the next day. No significant side effects were reported [1]. Zopiclone in a dose of 10 mg/kg (p.o.) significantly reduced it (p less than 0.01) in 30 min and the reduced locomotor activity persisted until 180 min. The reducing effect on locomotor activity by zopiclone was similar to that of nitrazepam and more...

References: