COMPOUNDS, PROCESS FOR OBTAINING THE COMPOUNDS, PHARMACEUTICAL COMPOSITION, USE OF THE COMPOUNDS AND METHOD FOR TREATING PSYCHIATRIC DISORDERS AND/OR SLEEP DISORDERS

ABSTRACT

The present invention relates to novel and inventive pharmacologically active benzimidazole derivative compounds, which surprisingly have high affinity for melatonin MTi and MT2 receptors and low affinity for CYP450 complex enzymes f specially CYP1A2. The present, invention also relates to novel and inventive routes of synthesis of these compounds, pharmaceutical compositions comprising the compounds and the use of these compounds in the treatment of individuals affected by psychiatric disorders and/or sleep disorders related to these receptors (specially depression, anxiety, circadian cycle disorders), in addition to process for producing the composition.

Fig. 1