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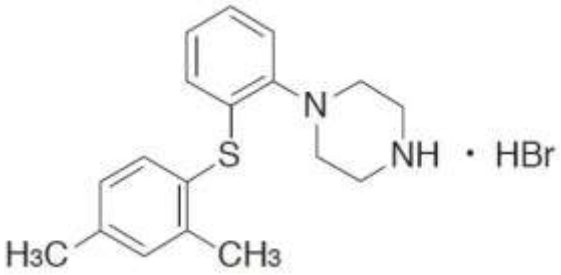
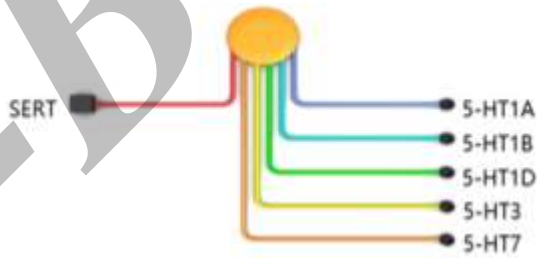
Clinical efficacy and safety of vortioxetine as an adjuvant drug for patients with bipolar depression

Key words: Bipolar II depression; Lurasidone; Vortioxetine; Combination

Research Summary

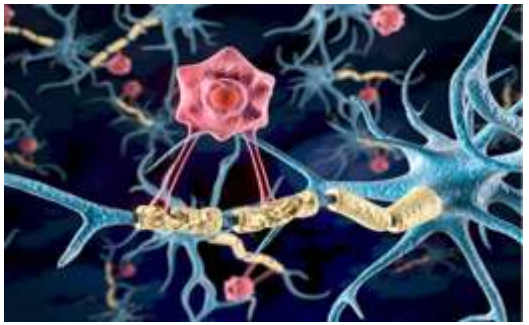
This article mainly focused on the efficacy and safety of vortioxetine(VOR) as an adjuvant drug in bipolar depression in the following aspects:





- **Mean change in the MADRS total score from week 4 to week 12**
- **Incidence of side effects**
- **Risk of switching to mania/hypomania**





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Innovation points

- **The first study to evaluate the efficacy and safety of VOR as an adjunctive therapeutic agent combined with Lurasidone (LUR) for bipolar II depression.**
- **Three patients in the vortioxetine group appeared to switch to mania or hypomania.**
- **Evaluate the monotherapy efficacy of LUR in treating bipolar II depression.**
- **No significant correlation between LUR concentration and the MADRS reduction rate.**

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Figure 4

Innovation points

A series of comprehensive tables were generated to summarize the results of the study.

Figure 1｜ **Enrolment and randomization.**

Figure 2｜**Changes in the MADRS, HAMD, HAMA, and YMRS scores of the response and no-response groups during LUR monotherapy after 4 weeks of treatment**.

Figure 3｜**Dose (a) and concentration (b) of lurasidone in the response and no-response groups during the 4-week lurasidone monotherapy treatment.**

Figure 4｜**Changes in the MADRS, HAMD, HAMA, and YMRS scores of the valprote (VAL) and VOR groups in phase 2 treatment.**

Table 4｜**Adverse events of the VAL and VOR groups.**

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