

New Antidepressant Compounds (1)

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Technology description

Currently available antidepressant drugs treat only 70% of persons diagnosed with depressive illness. These drugs show a profile of blocking reuptake of serotonin and norepinephrine. Several lines of evidence, including the NIH STAR*D study suggest that addition of a dopamine reuptake-blocking action could treat refractory depressed individuals. In addition, it is hypothesized that addition of dopamine reuptake blocking action could lead to a faster onset of drug action. This invention comprises several novel chemical entities that potentially inhibit reuptake of all three neurotransmitters (serotonin, norepinephrine, and dopamine).

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