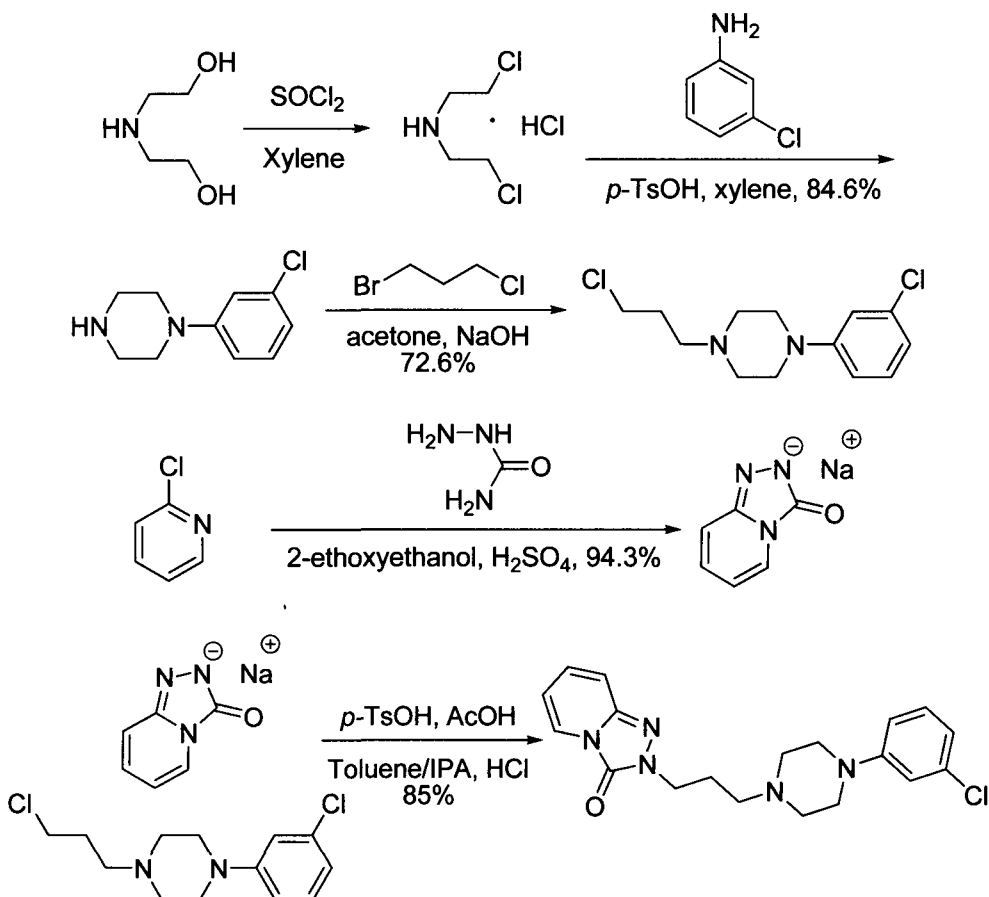


Trazodone is a serotonin uptake inhibitor that has anti-depressant activity. It has been found to be more efficient in treating depressive disorders associated with insomnia and anxiety. The synthesis of trazodone involves construction of piperazine moiety and triazole moiety and is followed by a coupling reaction between two moieties.⁴² A microwave synthesis has also been an optimized method for synthesizing trazodone.⁴²



The benzodiazepine drug, triazolam, is used to treat severe insomnia. With the risk of psychiatric adverse drug reactions, it has been withdrawn from the United Kingdom, however, it is still marketed in the United States.