

Antipsychotic Agent

Dr. Gopal Krishna Padhy

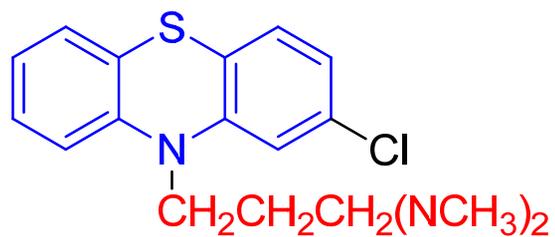
Definition

- ❖ **Antipsychotic agents are drugs having primary effect on psyche (mental process).**
- ❖ **They are used for treatment of all types of functional psychosis like schizophrenia.**
- ❖ **They are also called neuroleptic / major tranquilizer.**

Classification

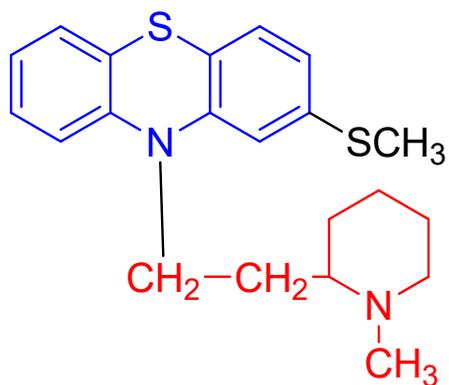
1. Phenothiazine derivatives

Aliphatic side chain:

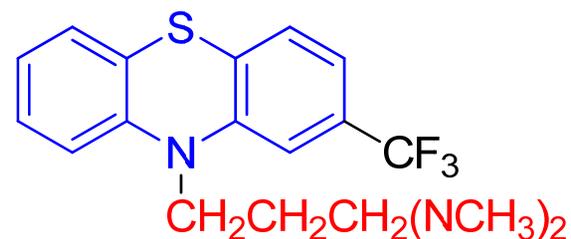


Chlorpromazine

Alkyl piperidine side chain

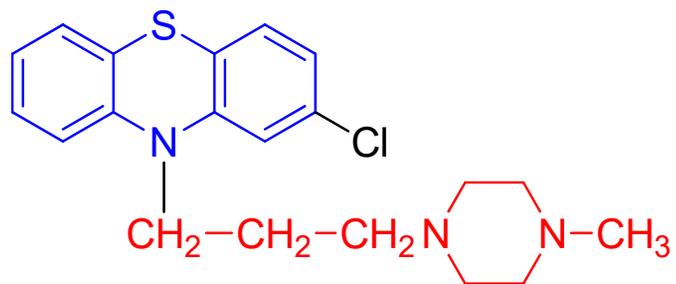


Thioridazine

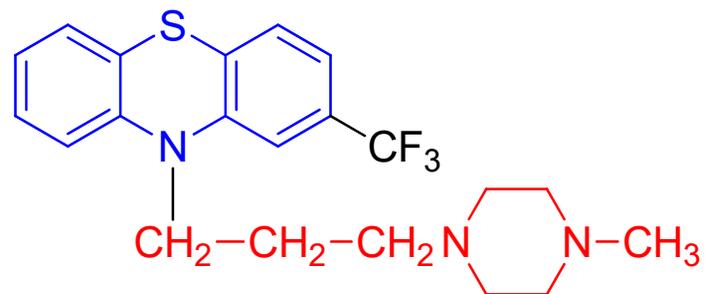


Triflupromazine

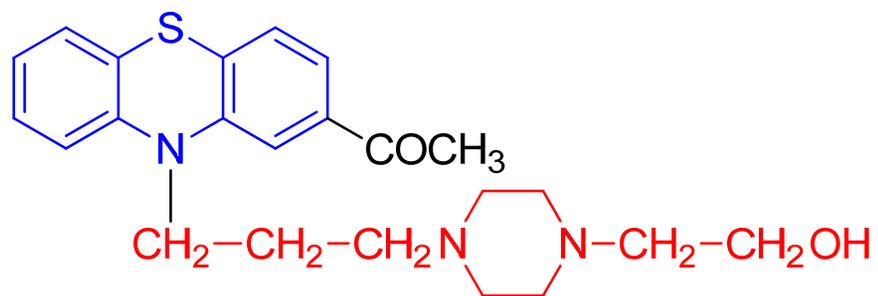
Propryl piperazine side chain



Prochlorperazine

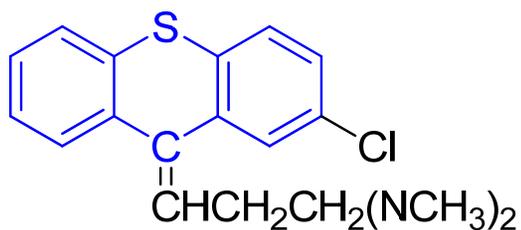


Trifluperazine

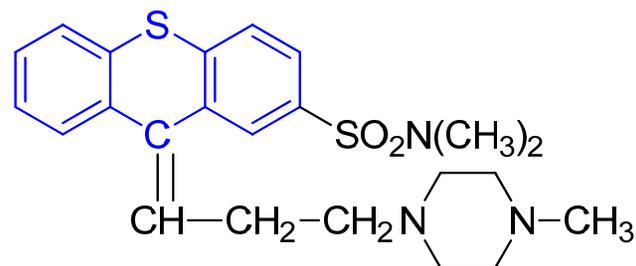


Piperacetazine

2. Thioxanthene derivatives

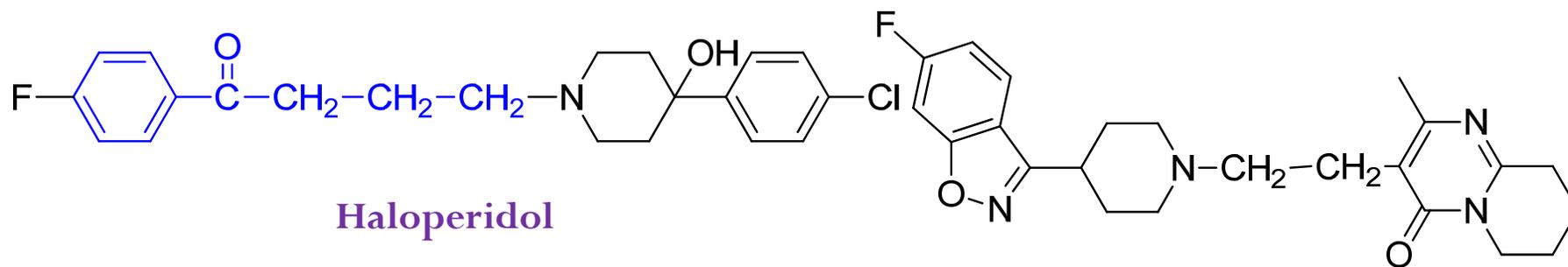


Chlorprothixine

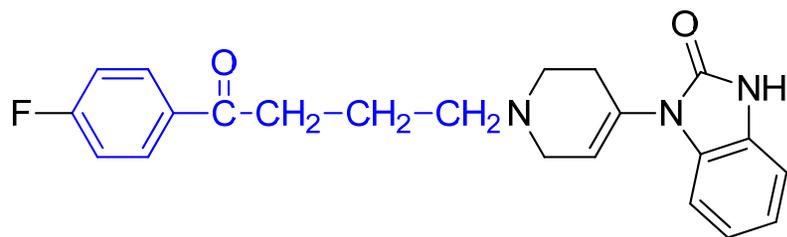


Thiothixene

3. Butyrophenone derivatives



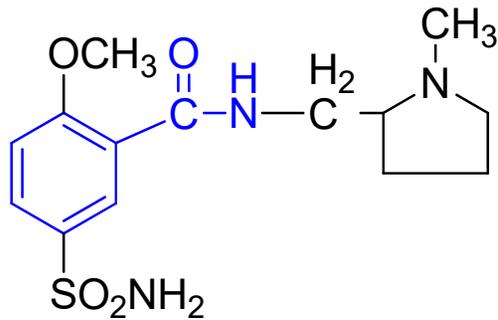
Haloperidol



Droperidol

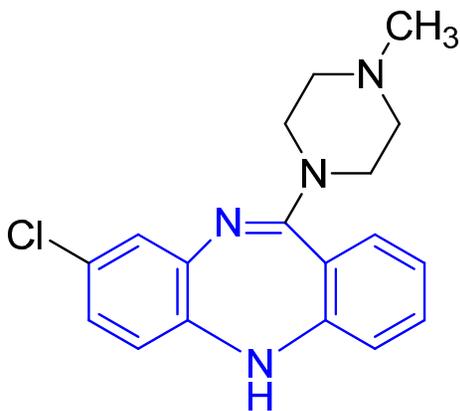
Risperidone

4. Benzamide derivatives

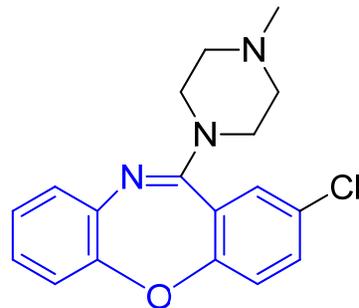


Sulpiride

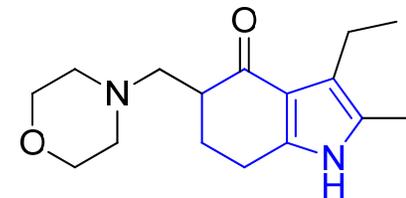
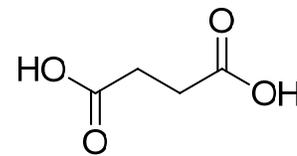
5. Atypical Antipsychotic



Clozapine



Loxapine Succinate



Molindone