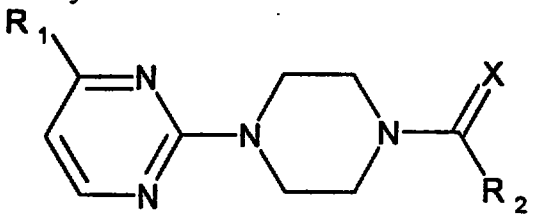
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## SUMMARY

## DERIVATIVES OF ACYL-PIPERAZINYL-PYRIMIDINES, THEIR PREPARATION AND APPLICATION AS MEDICAMENTS

The derivatives of acyl-piperazinyl-pyrimidines of general formula (I), where X is O or S; $R_1$ is alkoxy or trifluoromethyl; $R_2$ is alkyl, cycloalkyl, heterocycloalkyl, aryl, arylalkyl, heteroaryl, or heteroarylalkyl, show activity in the central nervous system. Compounds of general formula (I) in which X is O can be obtained by reacting a derivative of pyrimidine with a derivative of piperazine or by reacting a derivative of iperazinyl-pyrimidine with a carboxylic acid or a salt or derivative thereof. Compounds of general formula (I) in which X is S can be obtained by reacting (I) in which X is O with Lawesson's reagent or with phosphorous pentasulphide. The compounds (I) show sedative activity, anticonvulsant, sleep-inducing or general anaesthetic activity and can be applied in human or veterinary medicine.


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(I)