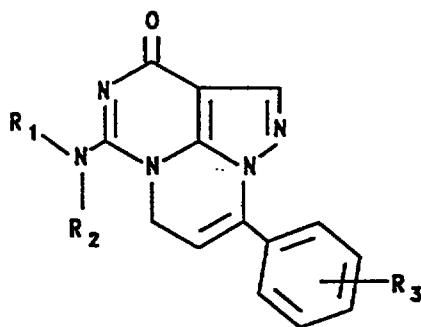


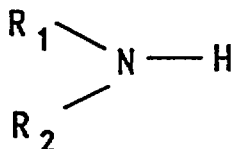
AN IMPROVED PROCESS FOR THE SYNTHESIS OF
5-[(SUBSTITUTED)AMINO]-8-[PHENYL OR
SUBSTITUTED-PHENYL]-3H,6H-1,4,5a,8a-
TETRAAZAACENAPHTHYLEN-3-ONES

ABSTRACT

A novel process for producing 5-[(substituted)amino]-8-[phenyl or substituted-phenyl]-3H,6H-1,4,5a,8a-tetraazaace-naphthylen-3-ones of the formula:



Where R_1 , R_2 and R_3 are defined in the specification by reacting a 4,5-dihydro-7-[phenyl or substituted phenyl]pyrazolo[1,5-a]pyrimidine-3-carboxamide with carbon disulfide and a suitable base and a lower alkyl iodide to give a 5-(lower alkylthio)-8-[phenyl or substituted phenyl]-3H,6H-1,4,5a,8a-tetraazaacenaphthylen-3-one which is further reacted with an amine of the formula:



to give the desired compounds.