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**Synthesis and Pharmacological Activity of Annelated Pyrimidine Derivatives**

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摘要 A series of 1-glycosyl-2-glycosylthiopyrimidine (**4**), annelated pyrimidine

derivatives, pyrazolo[3,4-d]-pyrimidine (**8**), ditetrazolo[1,5-a;1',5'-c]pyrimidine (**9**), 2,9a,10-triazaanthracene (**12**), thieno[2,3-d]pyrimidine (**14**),

9-thia-1,3,5,7-tetraazafluorene-8-one (**15**),

7-oxa-9-thia-1,3,5-triazafluorene-8-one (**16**),

5-oxa-9-thia-1,3-diaza-fluorene (**21a** and **21b**) derivatives have been

synthesized via a sequence of heterocyclization reactions of suitably

functionalized

6-[5-(4-bromophenyl)oxazol-4-yl]-1,2,3,4-tetrahydro-2-thioxo-4-oxopyrimidine-5-carbonitrile

(**2**) with different electrophiles and nucleophiles. The new compounds

were prepared with the objective to study their pharmacological properties.

关键词 [2-methylsulfanylpyrimidine](#), [thienopyrimidine](#), [azafluorenone](#), [pharmacological property](#)

分类号

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**Key words** [2-methylsulfanylpyrimidine](#) [thienopyrimidine](#) [azafluorenone](#) [pharmacological property](#)

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