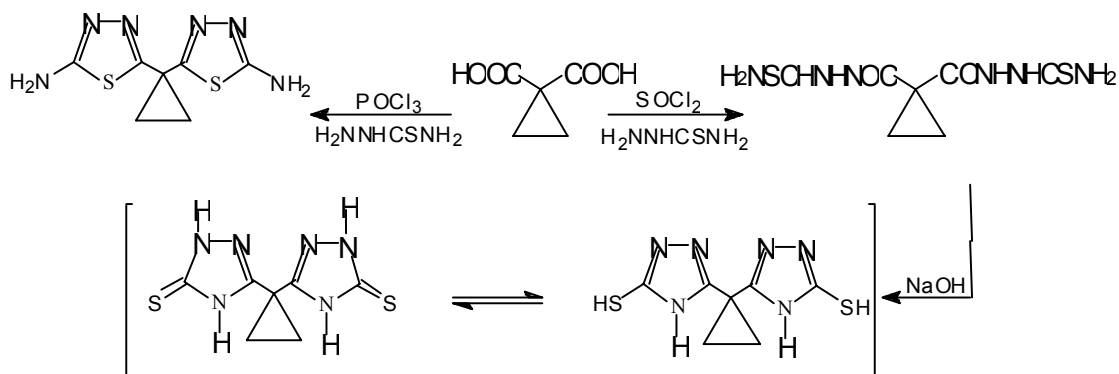


Synthesis of Hetrocyclic Compounds derived from Cyclopropane and Benzo[*b*]thiophene

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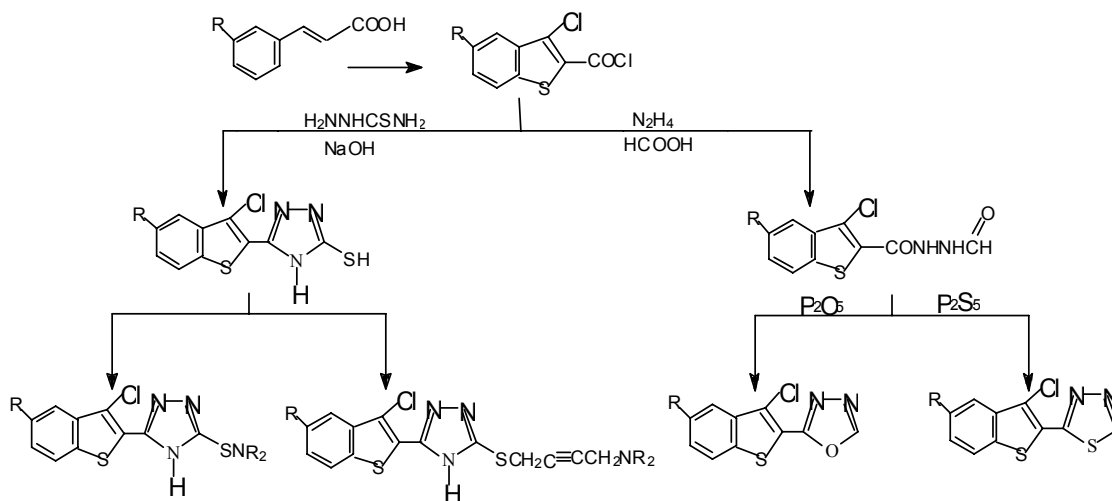
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Esters of Cyclopropanecarboxylic acid show activity as insecticides. Heterocyclic compounds derived from 1,1-cyclopropane dicarboxylic acid were prepared using conventional techniques. Thus 1,1-bis(3-mercapto-1,2,4-triazole-5-yl) cyclopropane and 1,1-bis(2-amino-1,3,4-thiadiazole-5-yl) cyclopropane were synthesized and characterized by spectroscopic methods (Scheme 1).



(Scheme 1)

Moreover, heterocyclic derivatives of benzo[*b*]thiophene were obtained as shown in scheme 2, namely 3-chloro-2-(3'-mercapto-4'-*H*-triazolo-5'-yl)benzo[*b*]thiophene, 3-chloro-2-(1',2',4'-oxadiazole-2'-yl)benzo[*b*]thiophene and 3-chloro-2-(1',3',4'-thiadiazole-2'-yl)benzo[*b*]thiophene.



(Scheme 2)

Biological activity screening of these compounds is under investigation