

( , 1988)

( , 2008),

( , 2012).

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12,

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1

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2,6-

-1 -

[3,4-*d*]

-1-

2.

1-

4-

-5-

-3-

EtONa

4-

(

EtOH  
[2,3-*b*]

-2-

[2,3-*b*]

), -2,4-

b]

K<sub>2</sub>CO<sub>3</sub>-

-4-

LiOH

[2,3-*b*]

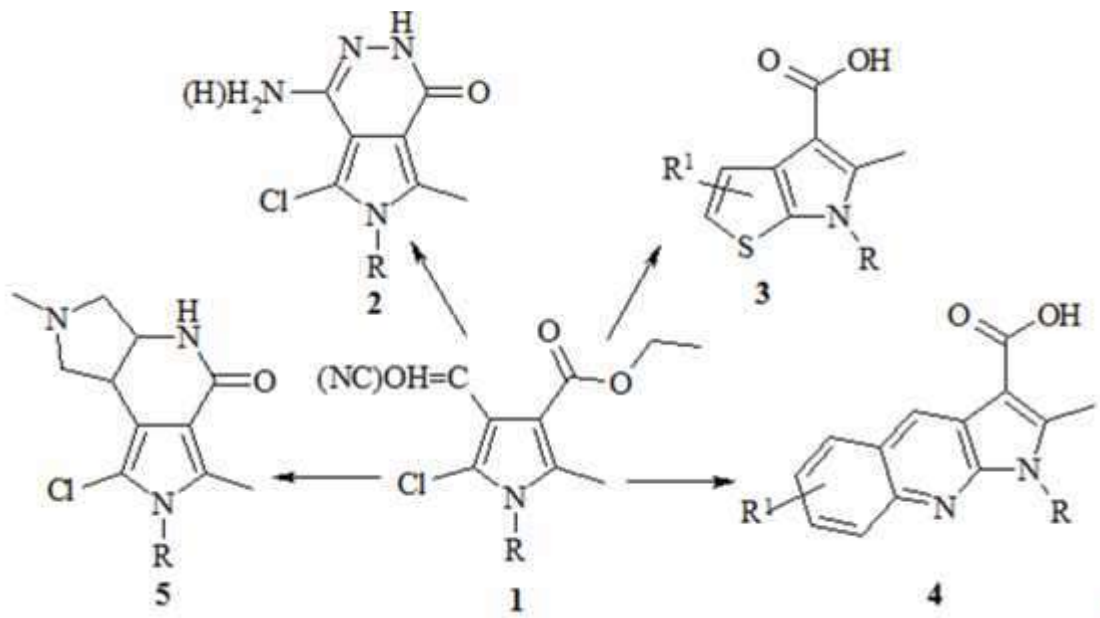
-2(4)-

2,4-

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3.

4- -5- -3- [2,3-b] -3-  
 4. 4-(2- )-5- -3-  
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 [3,4-b:3',4'-d] -5(1 )- 5.



2S-

(H<sub>2</sub>S).

H<sub>2</sub>S

H<sub>2</sub>S-

0,16 - 0,18

(Sigma-Aldrich, ) 250 /