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(72) 发明人

(74) 专利代理机构

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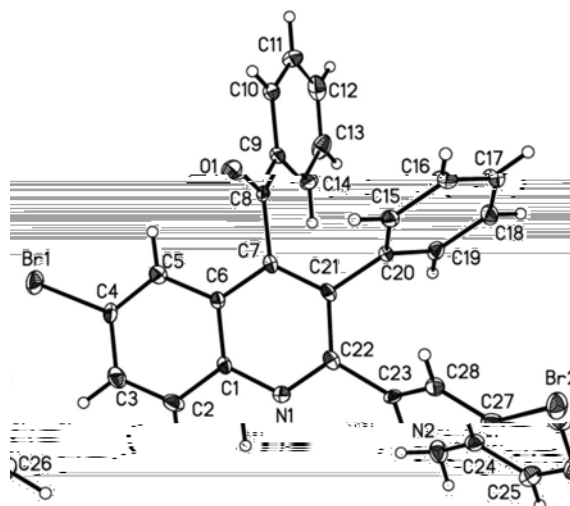
C07D 215/14

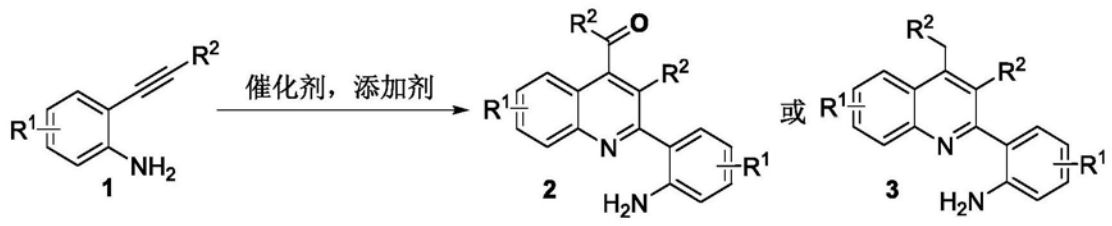
C07D 215/12

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(54) 发明名称

(57) 摘要





一种2-(2-氨基苯基)喹啉类化合物的合成方法

技术领域

[0001]

背景技术

[0002]

[0003]

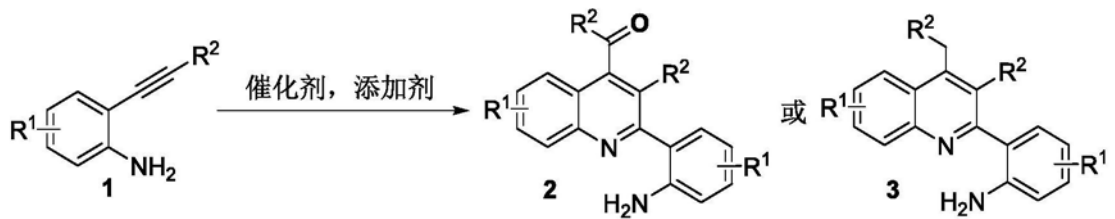
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发明内容

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序号	催化剂	添加剂	温度(°C)	反应气氛	产率(%) ^b	
					2a	3a
1	Cu(OAc) ₂		80	空气	ND	ND
2	CuSO ₄		80	空气	21	trace
3	Cu(OTf) ₂		80	空气	39	trace
4	Cu(OTf) ₂		60	空气	35	trace
5	Cu(OTf) ₂		100	空气	36	trace

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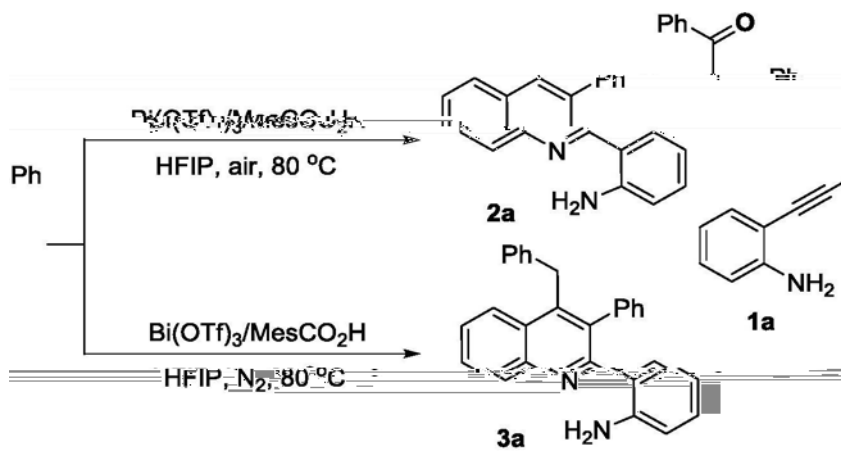
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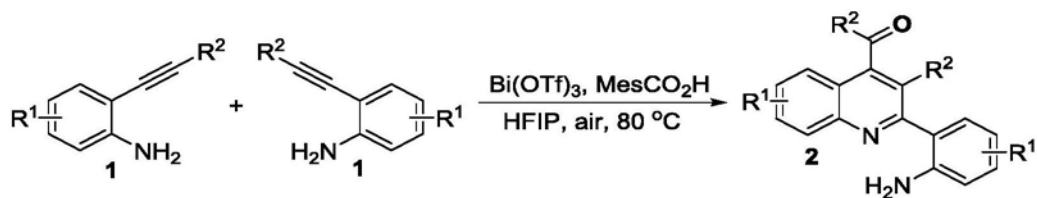
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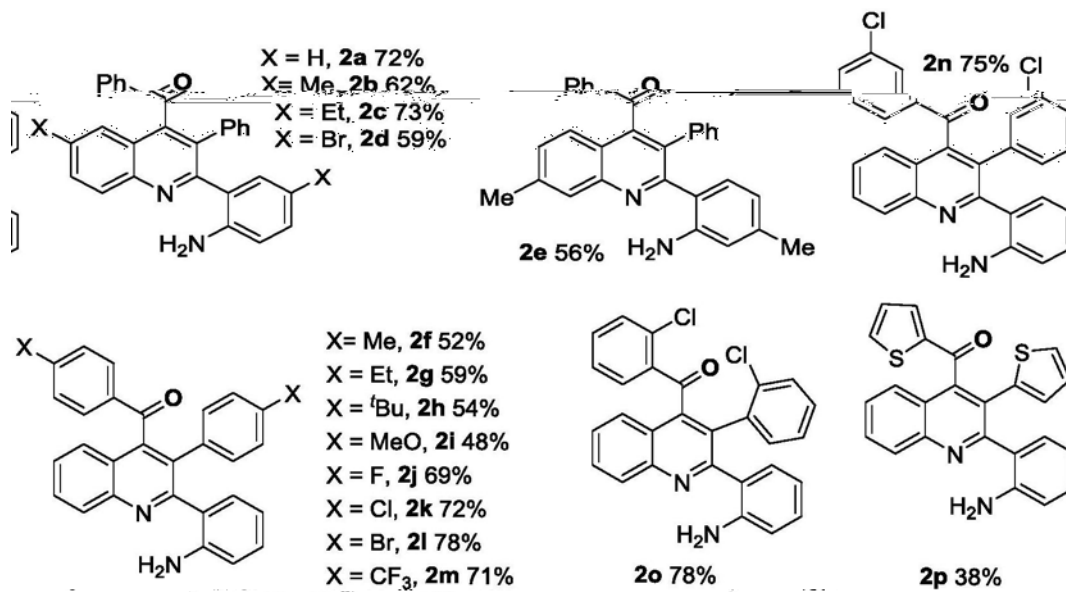
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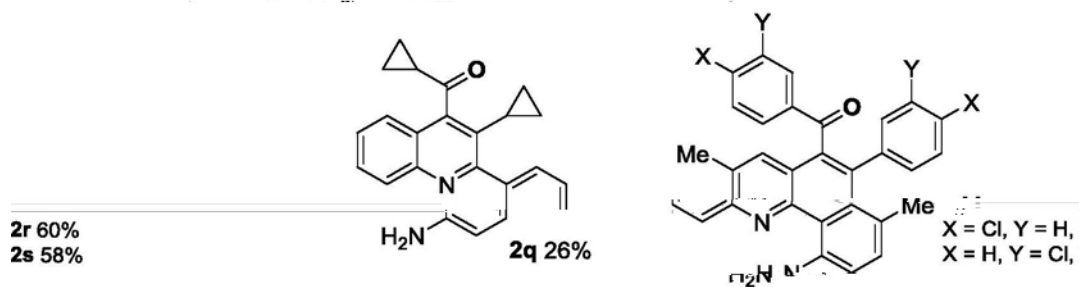
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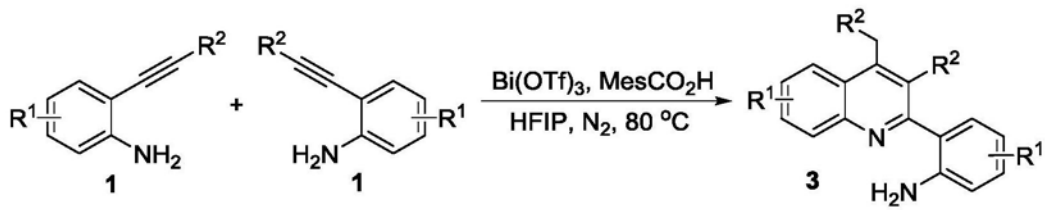
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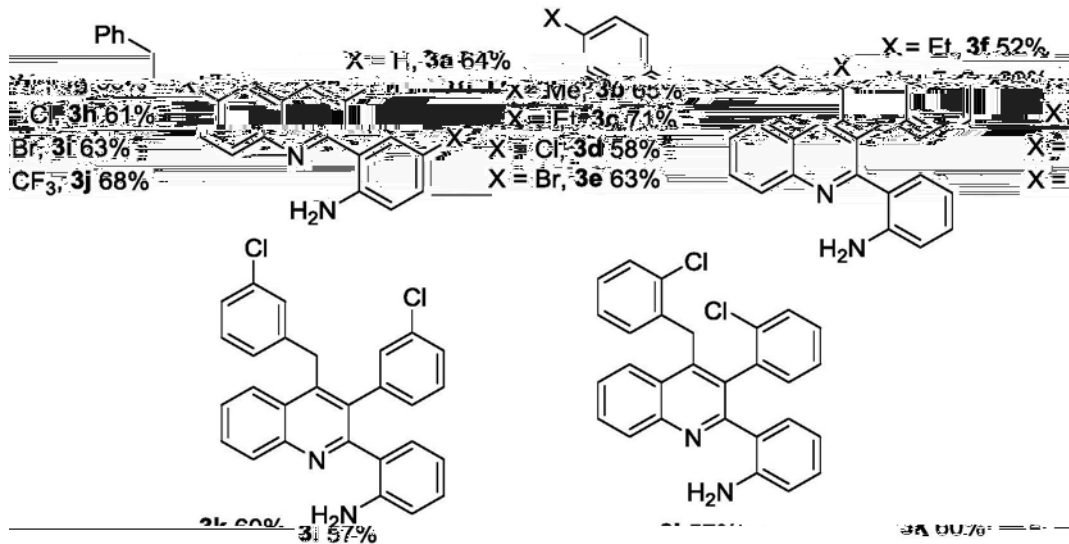
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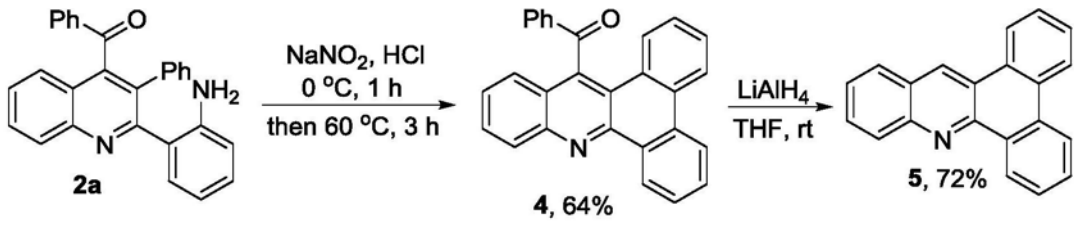
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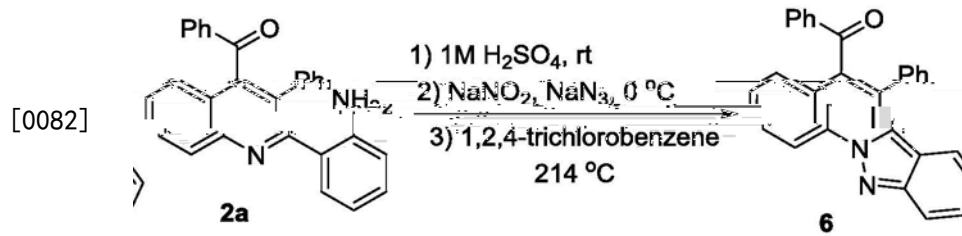
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