

Supporting Information
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Supporting Information

Iron-Catalyzed Remote C–H Alkylation of 8-Amidoquinolines with Cycloalkanes

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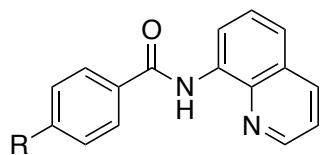
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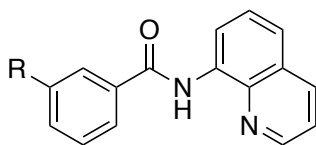
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Preparation of 8-Amidoquinolines

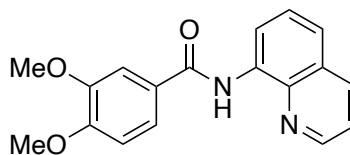
All amides shown below were synthesized according to the literature procedures.¹ Spectral data for **1a**,² **1b**,³ **1c**,⁴ **1d**,⁵ **1e**,⁶ **1f**,² **1g-h**,³ **1i**,⁶ **1j-l**,⁷ **1m**,² **1n**,³ **1o**,⁸ **1p**,⁹ **1q**,¹⁰ **1r**,¹⁰ **1s**,¹¹ and **1t**¹² showed good agreement with the literature data.



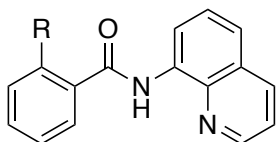
1a (R = H)
1b (R = OMe)
1c (R = F)
1d (R = CF₃)
1e (R = Cl)



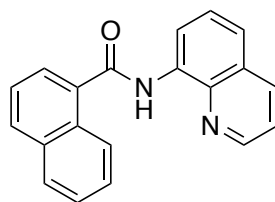
1f (R = Me)
1g (R = OMe)
1h (R = CF₃)



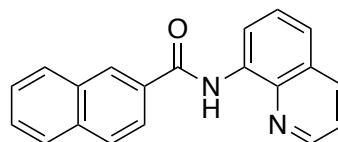
1i



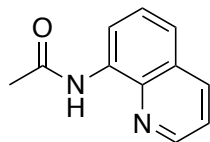
1j (R = Me)
1k (R = F)
1l (R = CF₃)



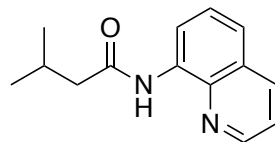
1m



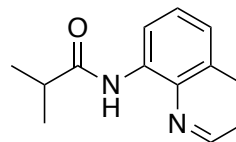
1n



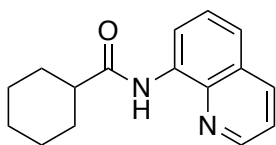
1o



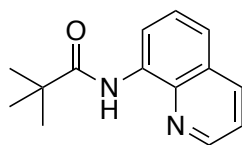
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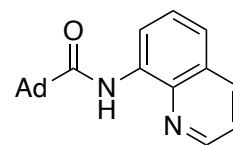
1q



1r



1s



1t

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NMR Spectra

