

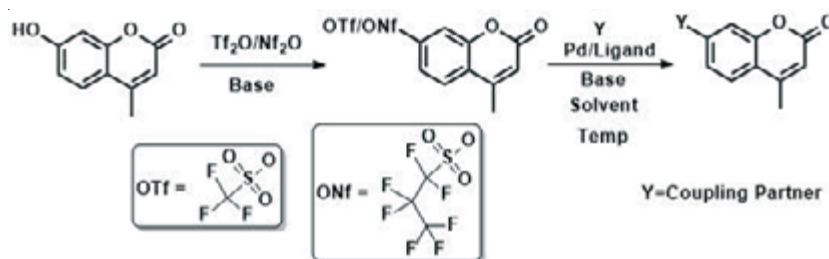
OR-3. IS NONAFLATE A BETTER LEAVING GROUP THAN CORRESPONDING TRIFLATE? A CASE STUDY IN THE PALLADIUM CATALYZED CROSS-COUPLING REACTION OF 7-SUBSTITUTED COUMARINS

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A comparative study between the efficiency of triflates and nonaflates as leaving groups (Scheme) has been carried out in the Palladium catalyzed cross-coupling reactions on 7-substituted coumarins [1–3]. Nonaflates were identified to be a better leaving group than corresponding triflates in terms of efficiency as well as reactivity.



Cross-coupling of coumarins

References

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