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Title: Pentafluorobenzoic Acid Catalyzed 1,6-Conjugate Addition of Indoles to p-Quinone Methides

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Abstract: Pentafluorobenzoic acid has been utilized as a non-covalent Br Ø nsted acid catalyst for the 1,6- conjugate addition of indoles to para-quinone methides. This transformation tolerant to a variety of functional groups and occurs in mild conditions. This methodology provides an easy and straightforward access to a set of

unsymmetrical diarylindolylmethanes in moderate to good yields.

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