

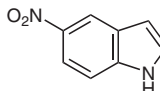
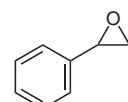
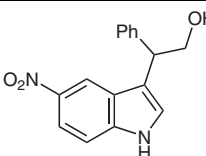
Erratum

Friedel–Crafts Alkylation of Nitrogen Heterocycles Using [Bmim][OTf] as a Catalyst and Reaction Medium

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In Table 2, entry 9, Table 3, entry 4, and Table 4, entry 4, the product structures were incorrect; the correct entries are shown below. In addition, the column headings in Table 3 for Nucleophile and Epoxide were inverted.

Table 2 [Bmim][OTf]-Promoted Alkylation of Indoles with Styrene Oxide^a

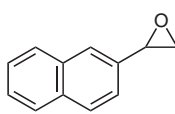
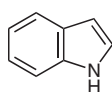
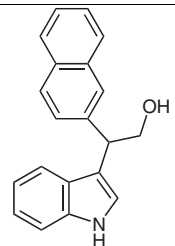
Entry	Nucleophile	Epoxide	Product	Time (h)	Yield (%) ^b
9				24	10

^a Reaction conditions: indole (1.2 mmol), epoxide (1 mmol), [bmim][OTf] (0.5 mL), stirred under nitrogen atmosphere at r.t. for an appropriate time.

^b Isolated yields.

^c Yield after fourth cycle.


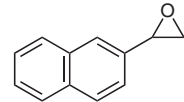
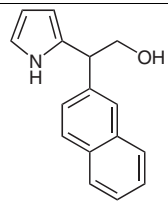
Table 3 [Bmim][OTf]-Promoted Ring Opening of Various Aromatic Epoxides with Indole^a

Entry	Epoxide	Nucleophile	Product	Time (h)	Yield (%) ^b
4				2.5	78

^a Reaction conditions: indole (1.2 mmol), epoxide (1 mmol), [bmim][OTf] (0.5 mL), stirred under nitrogen atmosphere at r.t. for an appropriate time.

^b Isolated yields.

Table 4 [Bmim][OTf]-Promoted Alkylation of Pyrroles with Aromatic Epoxides^a

Entry	Nucleophile	Epoxide	Product	Time (h)	Yield (%) ^b
4				3.5	78

^a Reaction conditions: pyrrole (1.2 mmol), epoxide (1 mmol), [bmim][OTf] (0.5 mL), stirred under nitrogen atmosphere at r.t. for an appropriate time.

^b Isolated yields.