Supporting Information for

In(OTf)₃ Catalyzed C3-benzylation of Indoles with Benzyl Alcohols in Water

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Table of Contents

Copies of ¹H and ¹³C NMR Spectra S2-S22

3-(4-Methoxy-benzyl)-1H-indole (3a)
3-(4-methoxybenzyl)-2-methyl-1H-indole(3b)
3-(4-methoxybenzyl)-2-phenyl-1H-indole (3c)

4-(benzyloxy)-3-(4-methoxybenzyl)-1H-indole (3f)
3-(4-methoxybenzyl)-5-methyl-1H-indole (3g)
5-methoxy-3-(4-methoxybenzyl)-1H-indole (3h)
3-(4-methoxybenzyl)-5-nitro-1H-indole (3j)
3-(4-methoxybenzyl)-6-methyl-1H-indole (3k)
3-(4-methoxybenzyl)-7-methyl-1H-indole (3l)
3-(4-methoxybenzyl)-1-methyl-1H-indole (3m)

4-((1H-indol-3-yl)methyl)-N,N-dimethylaniline (3n)
4-(4-((1H-indol-3-yl)methyl)phenyl)morpholine (3o)
3-(3,4-dimethoxybenzyl)-1H-indole(3p)
3-Benzol[1,3]dioxol-5-ylmethyl-1H-indole (3p)

3-(2,3,4-trimethoxybenzyl)-1H-indole (3r)
3-(thiophen-2-ylmethyl)-1H-indole (3v)
3-(ferrocenylmethyl)-1H-indole(3u)
5-(4-methoxybenzyl)-2,3-dihydrothieno[3,4-b][1,4]dioxine (4aa)

![NMR spectrum](image_url)

![Structural formula](image_url)
2-(4-methoxybenzyl)-1H-pyrrole (4ab)
1,3,5-trimethoxy-2-(4-methoxybenzyl)benzene (4ac)