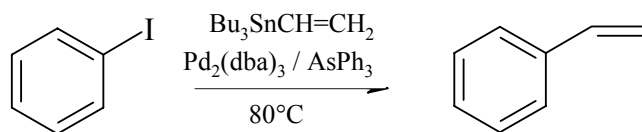


Table 1. Stille Coupling of iodobenzene with tributylvinylstannane in ionic liquids with the complexed palladium catalyst



	Solvent	Time [h]	Mass Balance ^a [%]	Conversion ^b [%]
1	[bmim]Tf ₂ N	4	>99	>99
2	[bmim]PF ₆	4	95	85
3	[bmim]BF ₄	4	91	>99
4	[bmim]C ₈ H ₁₇ SO ₄	4	95	>99
5	[bmim]Br	4	20	90
6	[emim]OTs	4	72	96
7	[bm ₂ im]PF ₆	4	50	>99
8	[bm ₂ im]Tf ₂ N	4	98	>99
9	[hPy]Tf ₂ N	4	>99	99
10	[bpyrr]Tf ₂ N	4	90	>99

^a Determined using benzonitrile as Internal standard. ^b Determined by GC analysis.