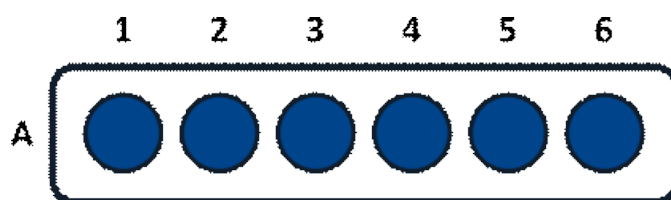


Kit Array Components



Position	Label	Quantity	Chemical	Amount
A01	Pd / PhIOAc ₂ / - / MeOH	2	Pd(OAc) ₂ PhI(OAc) ₂	1.5 μmol 5.0 μmol
A02	Pd / PhIOAc ₂ /CuOAc ₂ / MeOH	2	Pd(OAc) ₂ PhI(OAc) ₂ Cu(OAc) ₂	1.5 μmol 5.0 μmol 5.5 μmol
A03	Pd / PhIOAc ₂ /Ag ₂ CO ₃ / MeOH	2	Pd(OAc) ₂ PhI(OAc) ₂ Ag ₂ CO ₃	1.5 μmol 5.0 μmol 5.0 μmol
A04	Pd / K ₂ CO ₃ /1 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ K ₂ CO ₃	1.5 μmol 5.0 μmol 5.0 μmol
A05	Pd / Cs ₂ CO ₃ /1 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ Cs ₂ CO ₃	1.5 μmol 5.0 μmol 5.0 μmol
A06	Pd / MgSO ₄ /1 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ MgSO ₄	1.5 μmol 5.0 μmol 5.0 μmol
B01	Pd / - /2 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂	1.5 μmol 10.0 μmol
B02	Pd / CuOAc ₂ /2 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ Cu(OAc) ₂	1.5 μmol 10.0 μmol 0.0 μmol
B03	Pd / Ag ₂ CO ₃ /2 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ Ag ₂ CO ₃	1.5 μmol 10.0 μmol 5.0 μmol
B04	Pd / K ₂ CO ₃ /2 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ K ₂ CO ₃	1.5 μmol 10.0 μmol 5.0 μmol
B05	Pd / Cs ₂ CO ₃ /2 eq. PhIOAc ₂	2	Pd(OAc) ₂ PhI(OAc) ₂ Cs ₂ CO ₃	1.5 μmol 10.0 μmol 5.0 μmol

B06	Pd / MgSO ₄ /2 eq. PhIOAc ₂	2	Pd(OAc) ₂	1.5 μmol
			PhI(OAc) ₂	10.0 μmol
			MgSO ₄	5.0 μmol

Reagents/ Solvents

Description	Quantity	Amount
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Reagent Information

Reagent	CAS	MW
Cu(OAc) ₂	142-71-2	181.63
Ag ₂ CO ₃	534-16-7	275.75
Cs ₂ CO ₃	534-17-8	325.82
K ₂ CO ₃	584-08-7	138.00
Pd(OAc) ₂	3375-31-3	225.00
PhI(OAc) ₂	3240-34-4	322.10
MgSO ₄	7487-88-9	120.00