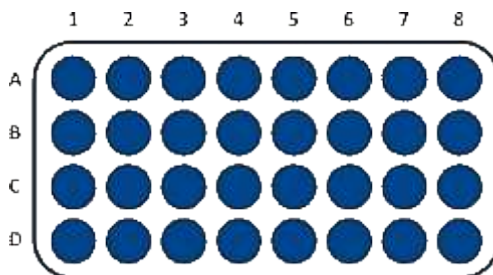


## Kit Array Components



Position	Label	Quantity	Chemical	Amount
A01	cyclopropyl-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-cyPr K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A02	cyclobutyl-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-cyBu K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A03	cyclopentyl-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-cyPent K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A04	cyclohexyl-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-cyHex K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A05	ethyl-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-Et K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A06	isopropyl-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-iPr K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A07	MOM-BF <sub>3</sub> K/K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	4	BF <sub>3</sub> K-MOM K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7.5 μmol 10.0 μmol
A08	TBPA	4	TBPA	30.3 μmol

## Reagents/ Solvents

Description	Quantity	Amount
Ir cat 1	1 x vial	1.12 μmol
MesAcr	1 x vial	0.79 μmol
4CzIPN	1 x vial	0.75 μmol
Ru(bpy) <sub>3</sub>	1 x vial	0.4 μmol

## Reagent Information

Reagent	CAS	MW
BF <sub>3</sub> K-cyBu	1065010-88-9	162.00
BF <sub>3</sub> K-cyHex	446065-11-8	190.06
BF <sub>3</sub> K-cyPent	1040745-70-7	176.03
BF <sub>3</sub> K-cyPr	1065010-87-8	147.98
K <sub>2</sub> S <sub>2</sub> O <sub>8</sub>	7727-21-1	270.32

4CzIPN	1416881-52-1	788.89
BF3K-Et	44248-07-9	135.97
BF3K-iPr	1041642-13-0	149.99
BF3K-MOM	910251-11-5	151.97
Ir cat 1	870987-63-6	1,121.91
MesAcr	1442433-71-7	399.23
Ru(bpy) <sub>3</sub>	50525-27-4	748.62
TBPA	107-71-1	132.16