

## Atom

Atom No.	Parts Code	Color	Quantity
1	H	light blue	60
9	C <sub>20</sub> <sup>5</sup>	black	14
2	C <sup>4</sup>	black	38
4	O <sup>4</sup>	red	6
10	N <sub>20</sub> <sup>5</sup>	blue	2
3	N <sup>4</sup>	blue	4
11	B <sub>20</sub> <sup>5</sup>	orange	2
5	Si <sup>4</sup>	dark blue	2
7	S <sup>4</sup>	yellow	2
6	P <sup>4</sup>	brown	2
8	Cl <sup>4</sup>	green	4
17	m <sup>14</sup>	grey	2

## Bond

Bond No.	Bond distance (Å)	Use	Quantity
1	0.96	O - H	10
2	1.10 1.20	C - H	60
3	1.33	C = C	10
4	1.40	C ≡ C	20
5	1.45	C - O C - N	10
6	1.54	C - C	60
7	1.80	C - Cl	10
8	1.90	C - Br	10
9	2.10	C - I	10
10	1.33	C = C	30

## Orbital Plate

Item No.	Use	Quantity
PB-1	P atomic orbital plate (Blue)	6
PB-2	P atomic orbital plate (Green)	6
PB-3	π molecular orbital plate (Blue)	3
PB-4	π molecular orbital plate (Green)	3