Reaction Time

- Add sodium under reflux, allowing it to bond to the metal.
- Attach an identical R-group to the end of the molecule.
- Bond a free electron to the R-group.
- Completely dehalogenate.
- Deionize solution.
- Denitrogenate the compound, allowing a free electron to take its place.
- Excite a valence electron such that it escapes from the molecule.
- Introduce a thiol group to bond to the R-group, replacing a valence electron.
- Invert the orientation of the metal.
- Invert the right-hand section of the molecule, up to the nearest bonding electron.
- Isomerize the molecule such that the hydrogen isotope moves to the end of the molecule.
- Perform a controlled reaction with francium to bond it to one end of the molecule.
- Remove carbon.
- Remove one of the two identical R-groups.

Reagents

[#14]

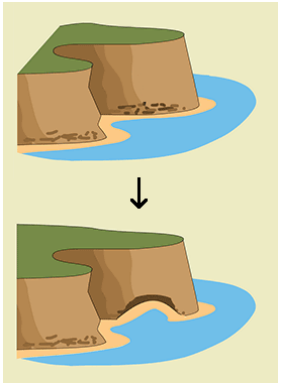
[#8]

[#1]

[#3]

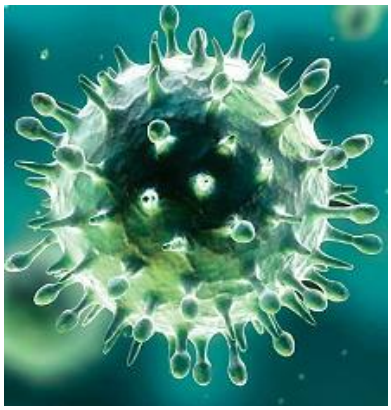
8

[#4]



[#2]

[#11]



[#6]

[#7]

[#5]

[#13]

[#12]

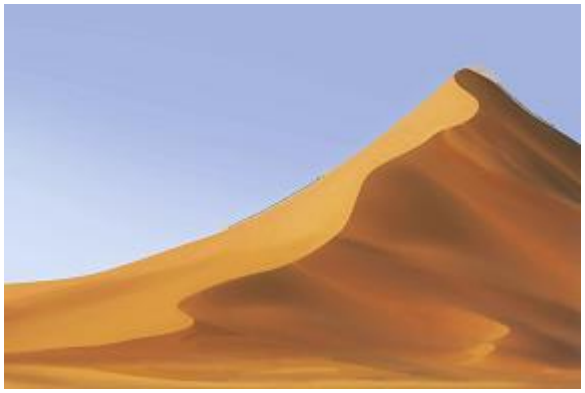
[#10]

[#9]

Products

5/6

2/5



2/4

1/3

4/4

2/4

2/7

6/6

4/5

3/4

2/5

4/4

2/4

4/6