**Carbon-based compounds of life**

Directions: Choose any 10 of the carbon-based compounds below and delete the ones you omit from your quest. Let the remainder of the compounds drop down as you hit return or add “snip its” to the information for each. Have fun, some of these compounds are pretty intense. If you find one that you think is worth adding, make that one of your 10 compounds. Try to make sure it’s one of the carbon-based molecules. You will report the following for each compound you choose:

1. Where it is found? Geographically, in what species…etc.
2. When was it discovered? By who? How did they discover it?
3. What it was used for &/or what it does to a living organism (details)
4. Chemical formula
5. A “snip it” of the molecular structure of it
6. Is it one of the 4 major carbon-based compounds? If so, which one?
7. Two interesting facts you discover about it

1. CURARE

2. TRI-NITRO TOLUENE

3. SALICYLIC ACID

4. TETRAHYDROCANNABINOL

5. ADRENALINE

6. NICOTINE

7. TETRODOTOXIN (TTX)

8. CHLOROTOXIN

9. VITAMIN D3

10. KERATIN

11. HEPTANE

12. CHLOROFLUOROCARBON (CFC)

13. MISTLETOE LECTIN

14. BATRACHOTOXIN

15. BOTULINUM TOXIN

16. RICIN

17. CAFFEINE

18. TRIGLYCERIDE

19. TURPENTINE

20. CELLULOSE