

# Drugs of abuse

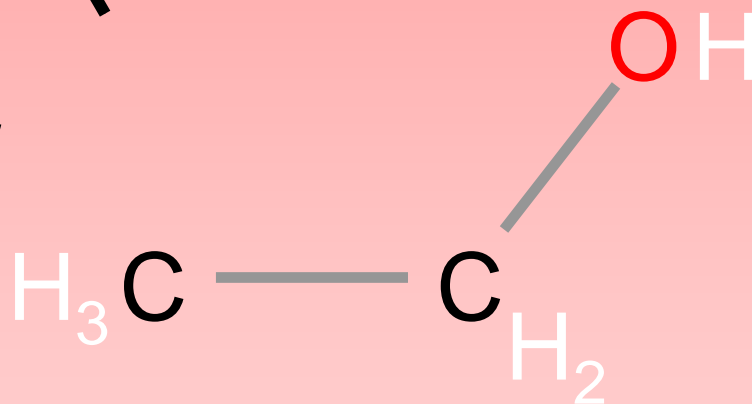
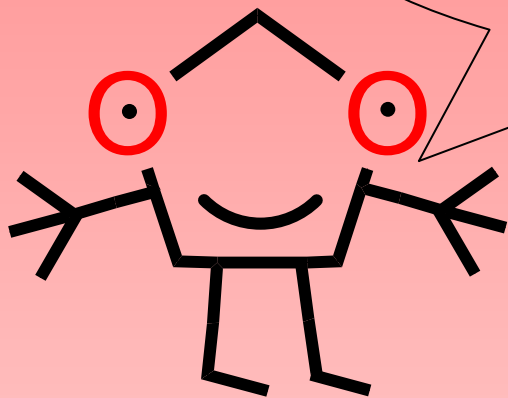
Drugs are any substance that people take to change the way they feel, think or behave. The most common mood altering drug used in the UK is caffeine. Some drugs are legal, alcohol and tobacco for example. Others are illegal and are controlled, for example cocaine and ecstasy.



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- |                 |           |
|-----------------|-----------|
| Alcohol         | Speed     |
| Nicotine        | Ketamine  |
| Butane          | Rohypnol  |
| Adhesives       | LSD       |
| Cannabis        | Cocaine   |
| Magic mushrooms | Heroin    |
| Poppers         | Methadone |
| GHB             | Dopamine  |
| Ecstasy         |           |

This is **Alcohol** that  
is in wine and beer, also  
known as **Ethanol**.



What you will need:

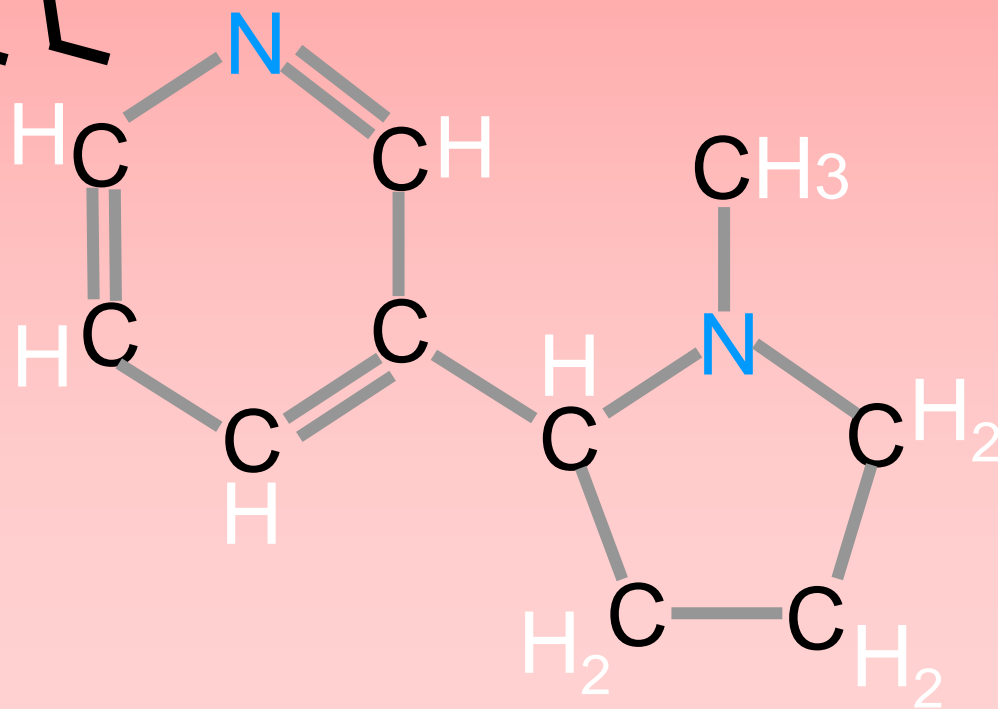
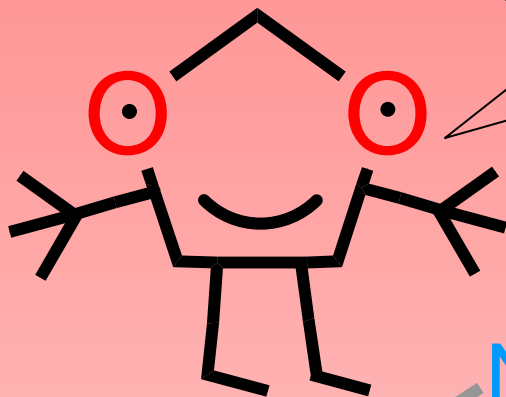
- 2 C Carbon
- 1 O Oxygen (red)
- 6 H Hydrogen (White)
- 2 — short gray single bond



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# Nicotine

The addictive poison in tobacco



What you will need:

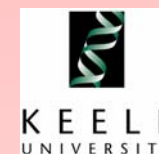
10 C Carbon

14 H Hydrogen  
(White)

2 N Nitrogen  
(Light Blue)

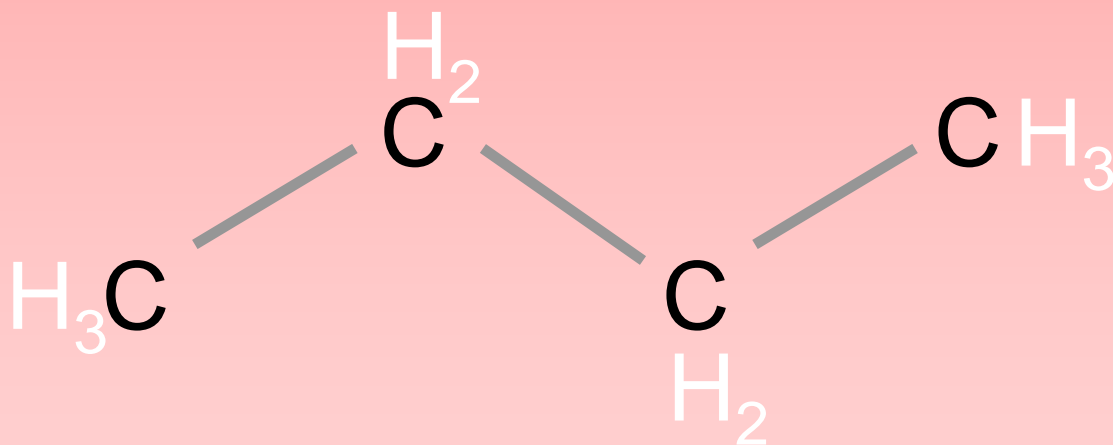
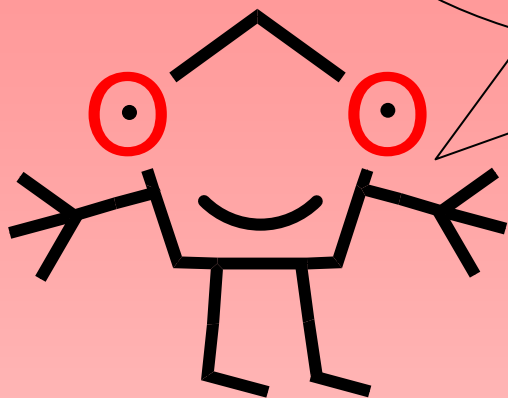
14 — short gray  
single bond

6 == long gray  
double bond



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This is **Butane** found in  
cigarette lighter refills and  
aerosol propellants.



What you will need:

4 C Carbon

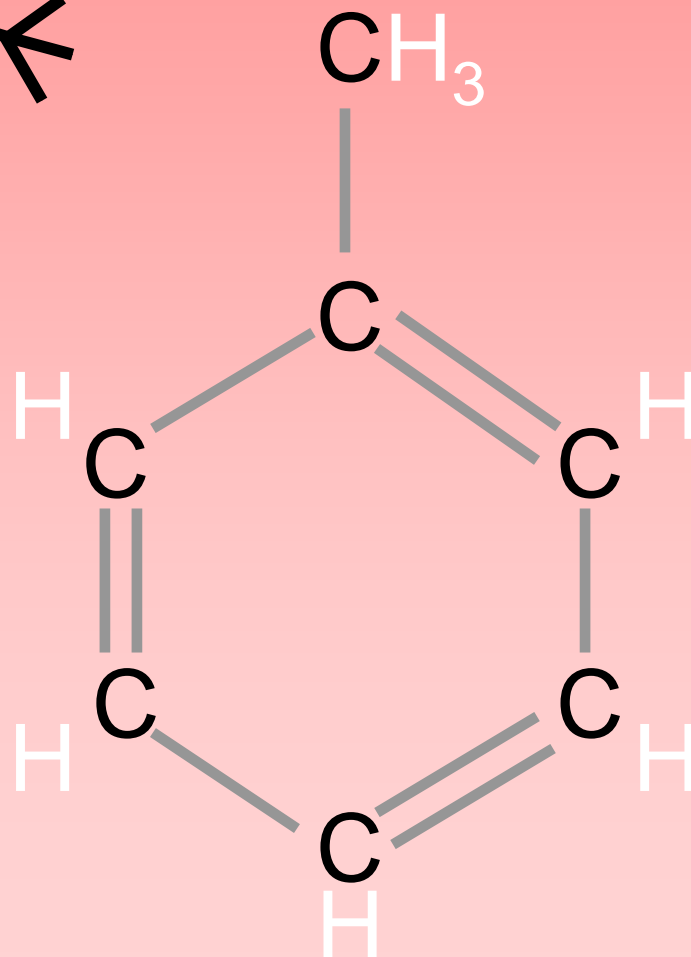
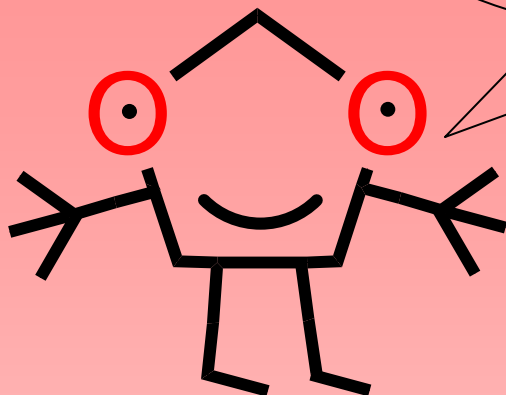
10 H Hydrogen  
(White)

3 — short gray  
single bond



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This is **Toluene**  
found in adhesives.



What you will need:

7 C Carbon

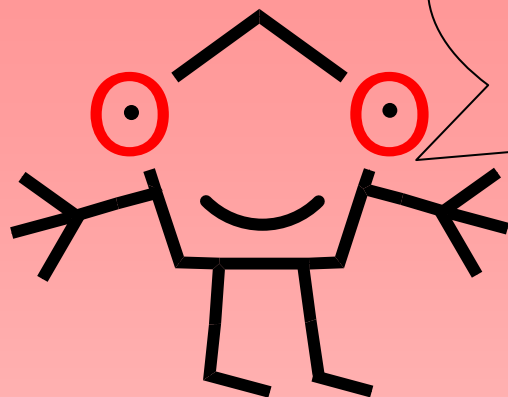
8 H Hydrogen  
(White)

4 — short gray  
single bond

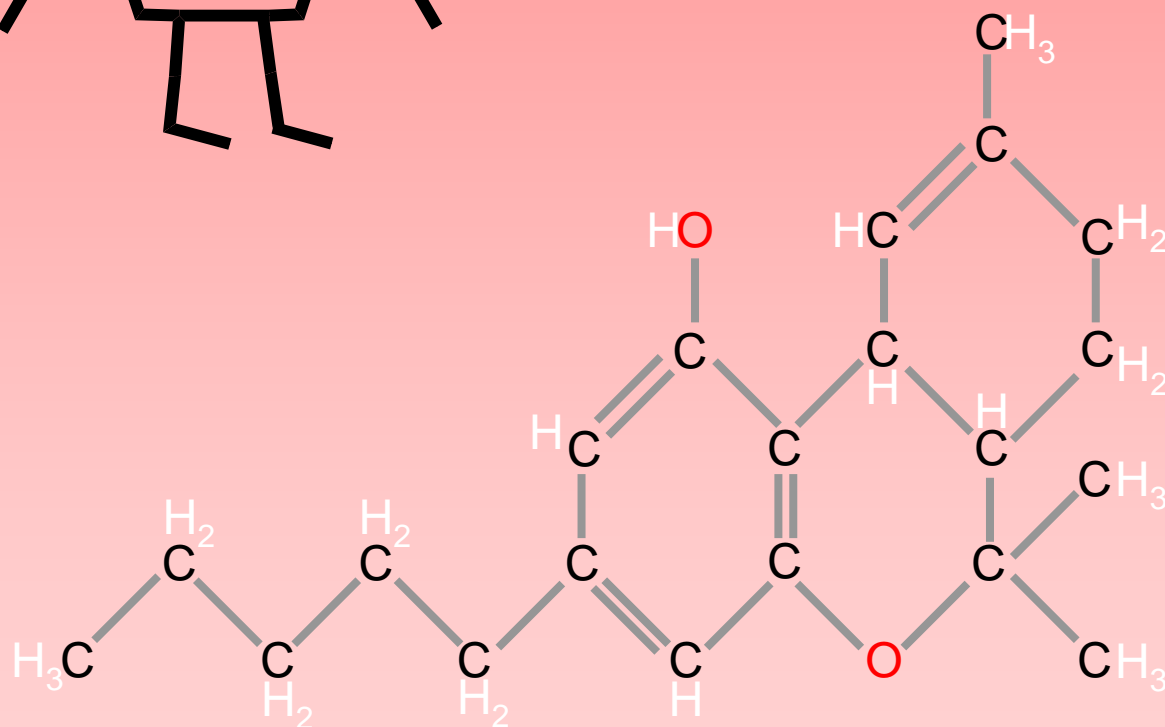
6 == long gray  
double bond



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This is  
**tetrahydrocannabinol**,  
the primary psychoactive  
molecule in cannabis.



What you will need:

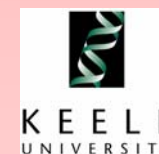
21 C Carbon

30 H Hydrogen  
(White)

2 O Oxygen (red)

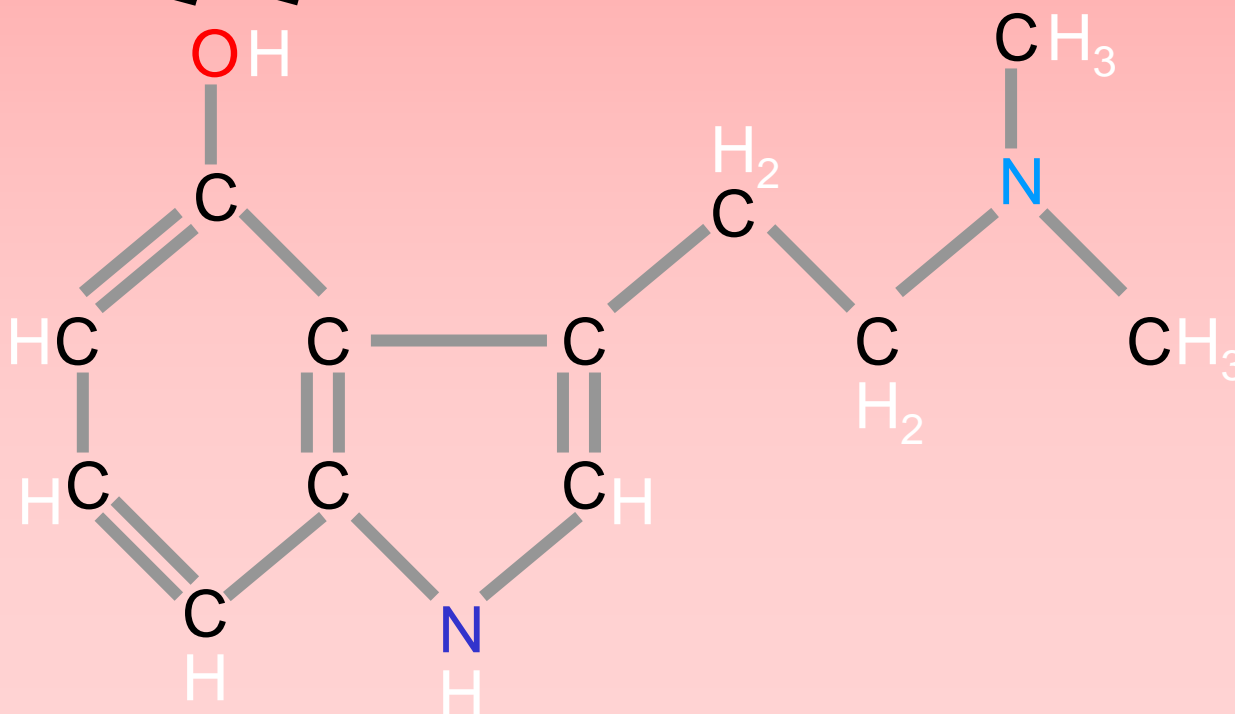
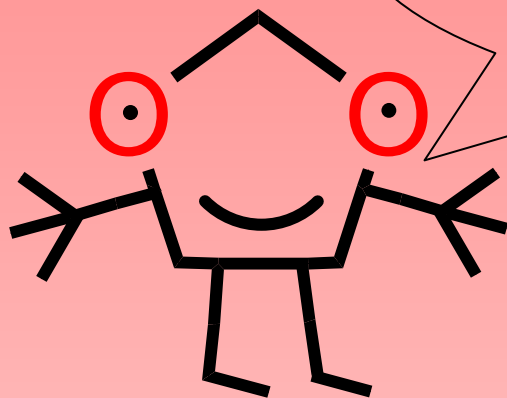
21 — short gray  
single bond

8 == long gray  
double bond



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This is **Psilocin**,  
the active ingredient  
found in magic  
mushrooms.



What you will need:

12 C Carbon

16 H Hydrogen  
(White)

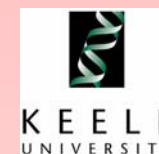
1 O Oxygen (red)

1 N Nitrogen  
(Dark Blue)

1 N Nitrogen  
(Light Blue)

12 — short gray  
single bond

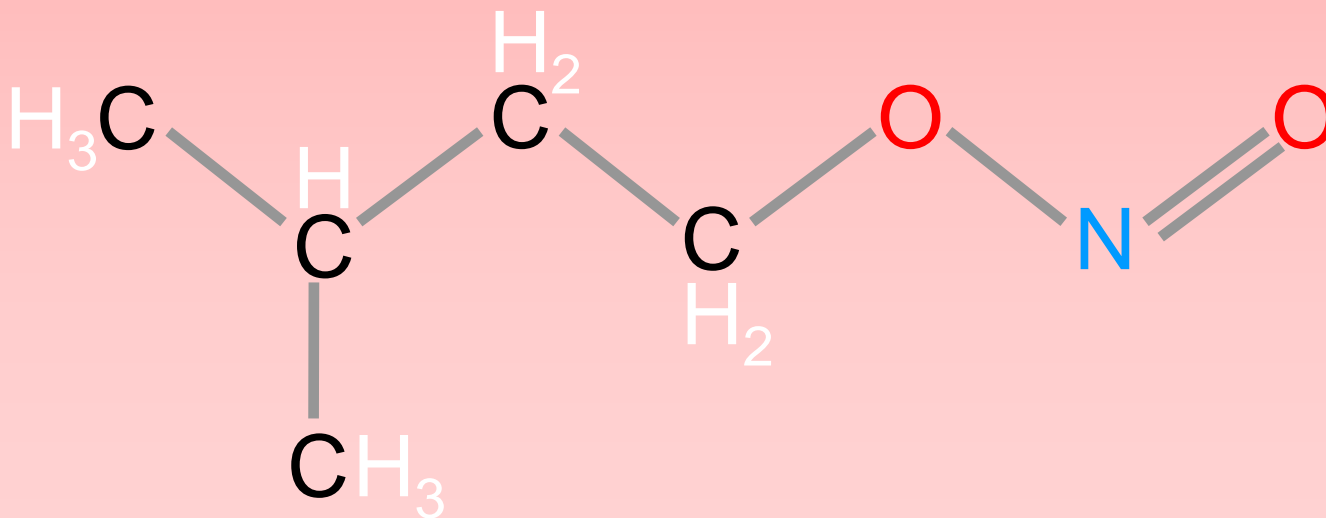
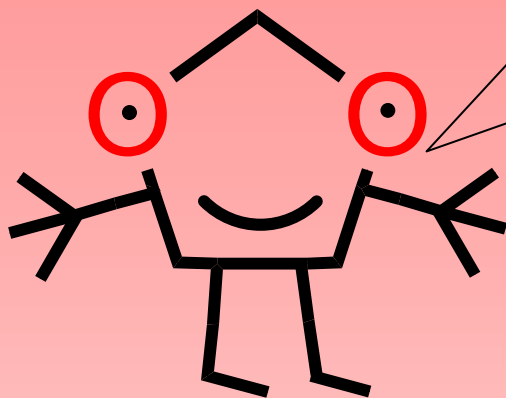
8 == long gray  
double bond



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This is **Amyl nitrite**  
also known as **Poppers**.



What you will need:

5 C Carbon

11 H Hydrogen  
(White)

2 O Oxygen (red)

1 N Nitrogen  
(Light Blue)

— short gray  
single bond

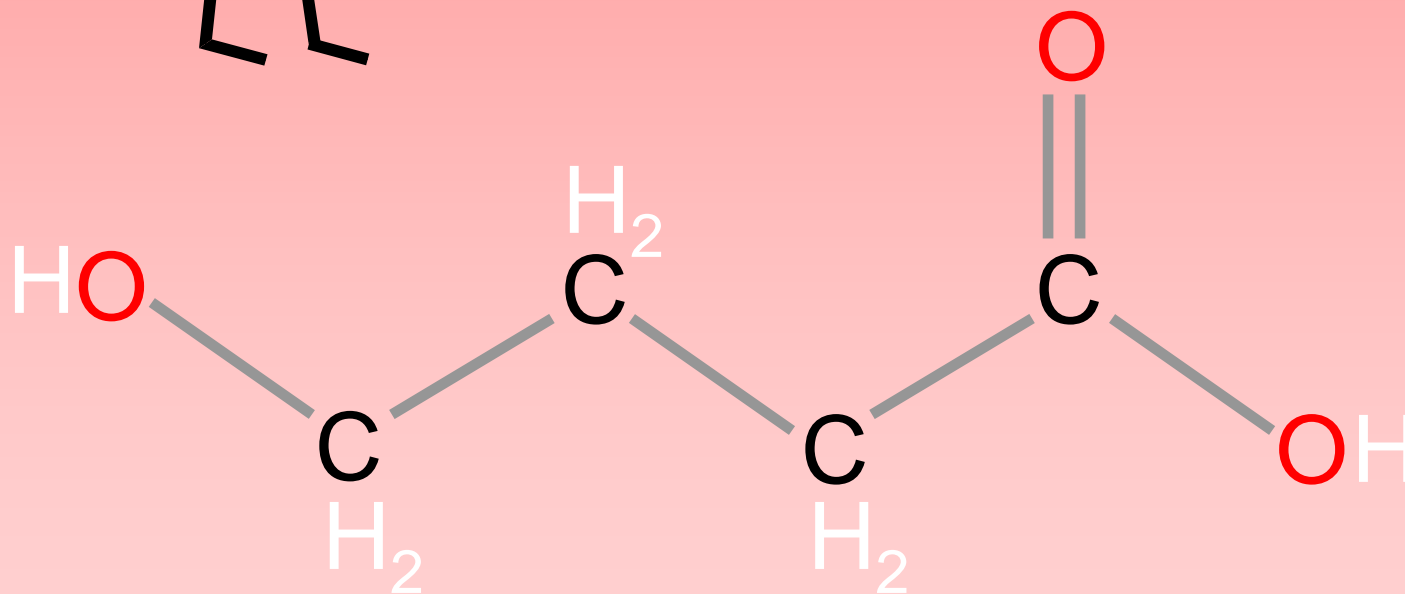
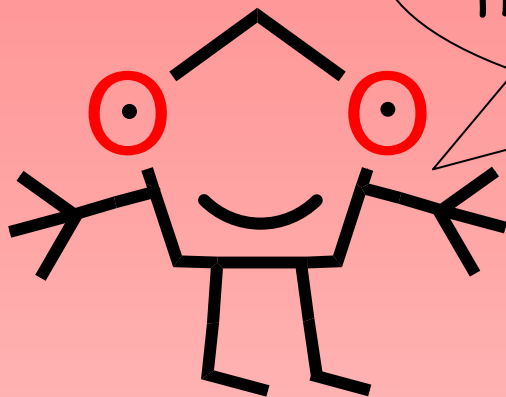
= long gray  
double bond



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This is **GHB** a sedative  
that affects the release  
of Dopamine.



What you will need:

4 C Carbon

8 H Hydrogen  
(White)

3 O Oxygen (red)

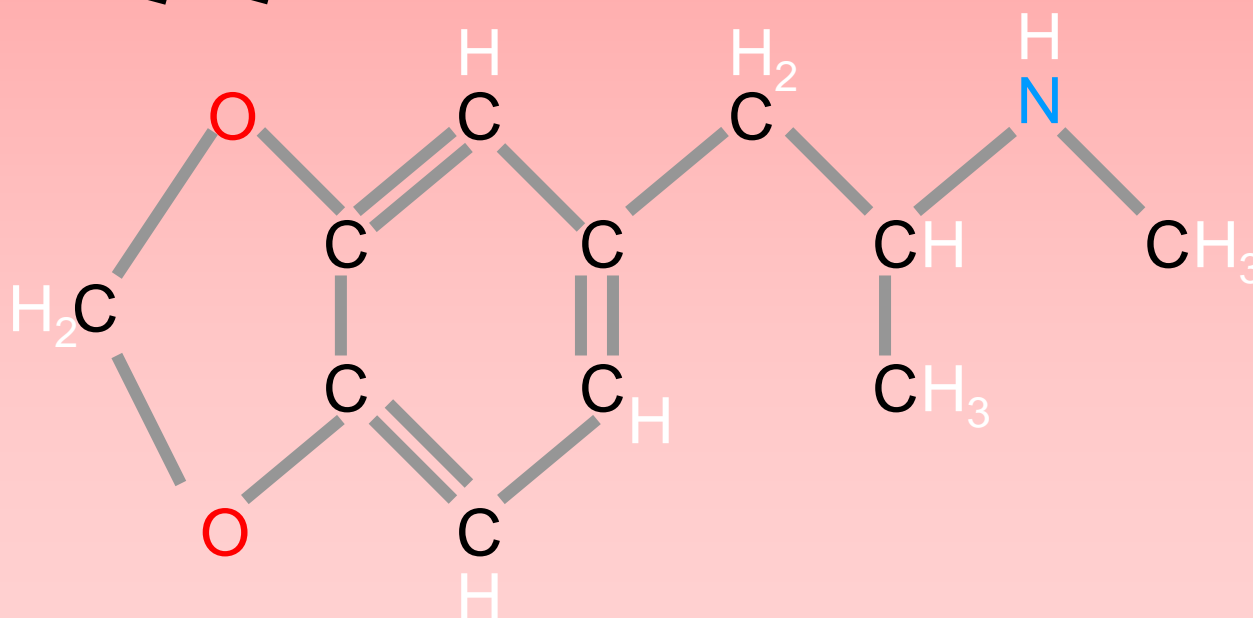
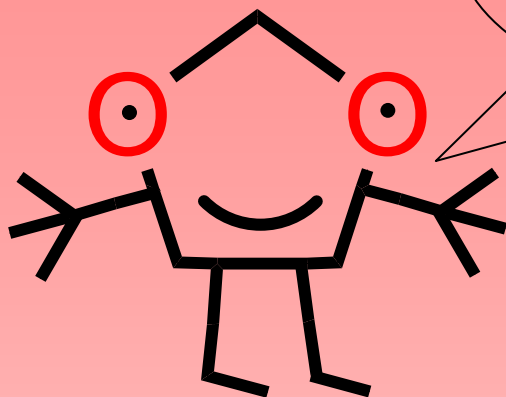
5 — short gray  
single bond

2 == long gray  
double bond



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This is **Ecstasy**.  
A favourite of  
clubbers and ravers.



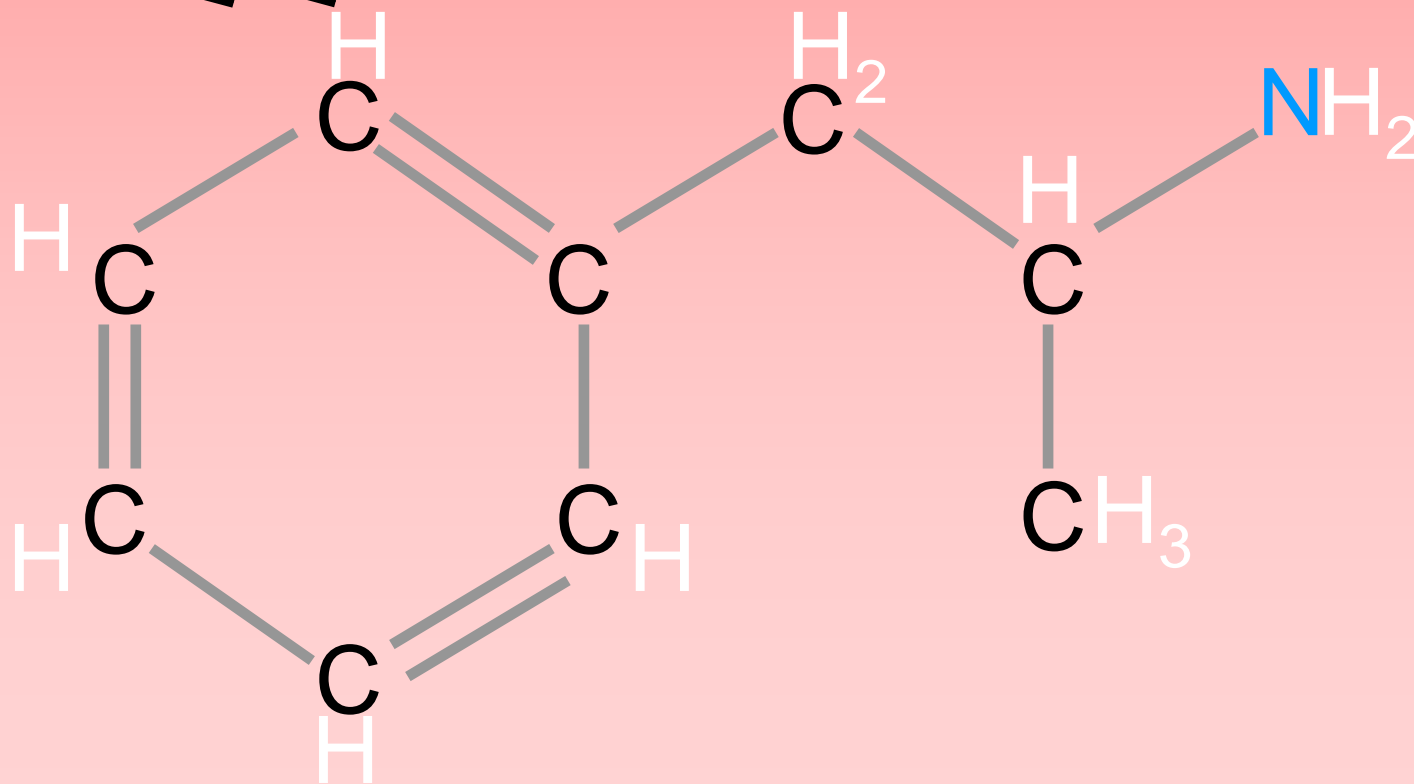
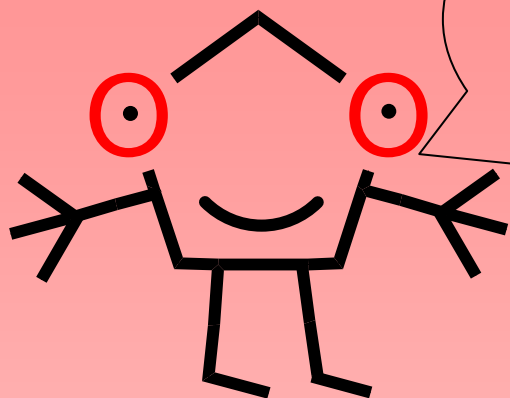
What you will need:

- 11 C Carbon
- 15 H Hydrogen (White)
- 2 O Oxygen (red)
- 1 N Nitrogen (Light Blue)
- 12 — short gray single bond
- 6 == long gray double bond



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This is  
**Amphetamine**  
also known as **Speed**  
and is a stimulant drug.



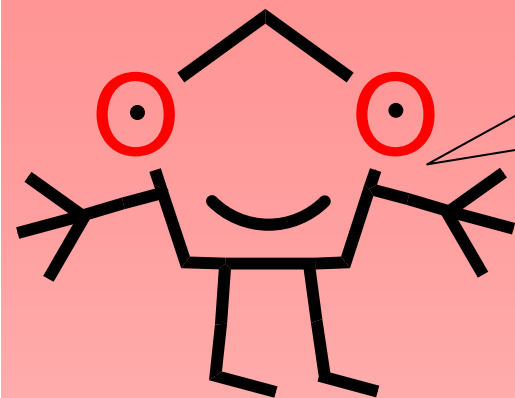
What you will need:

- 9 C Carbon
- 13 H Hydrogen (White)
- 1 N Nitrogen (Light Blue)
- 7 — short gray single bond
- 6 == long gray double bond

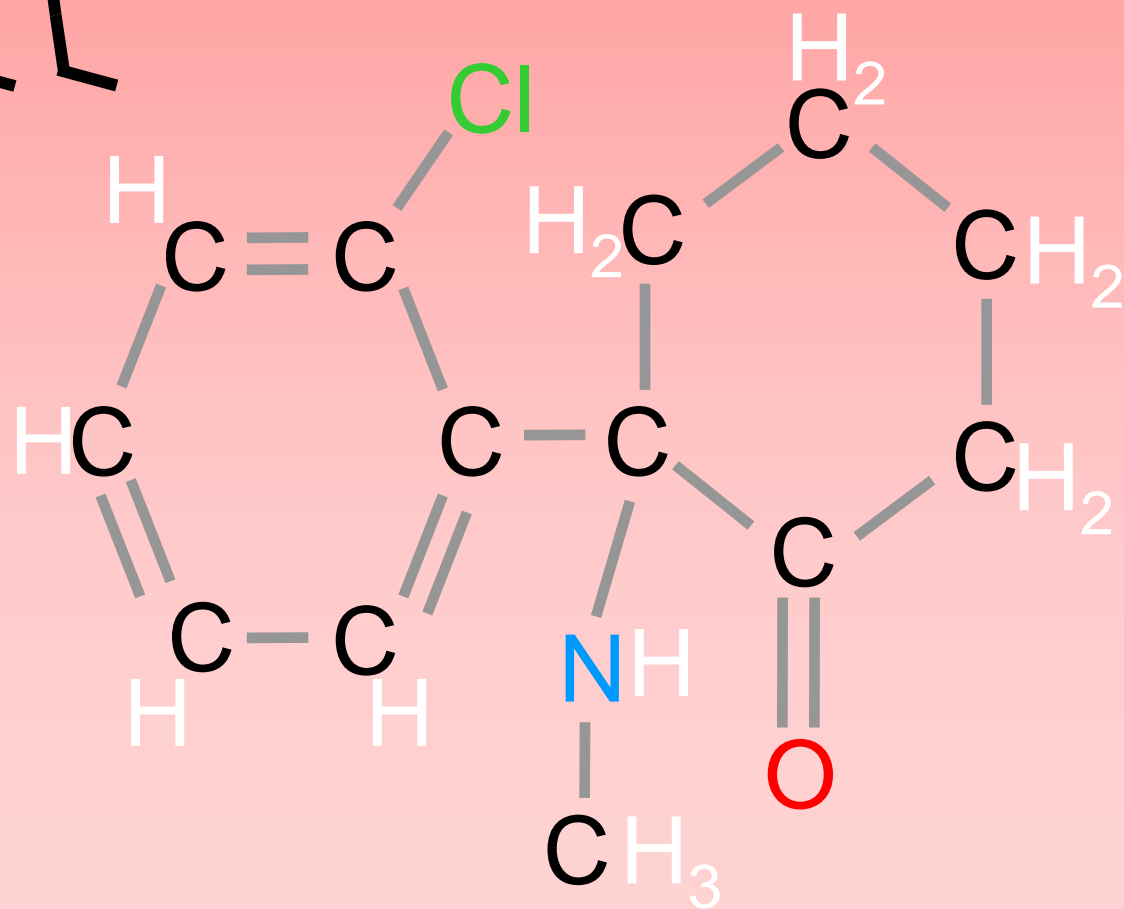


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This is  
**Ketamine** an  
anaesthetic drug.



What you will need:

13 C Carbon

16 H Hydrogen  
(White)

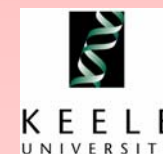
1 O Oxygen (red)

1 N Nitrogen  
(Light Blue)

1 Chlorine (green)

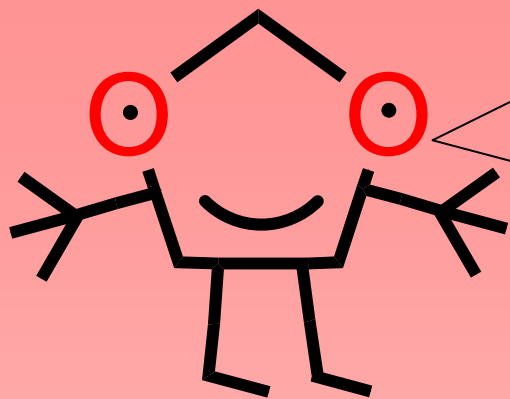
13 — short gray  
single bond

8 == long gray  
double bond

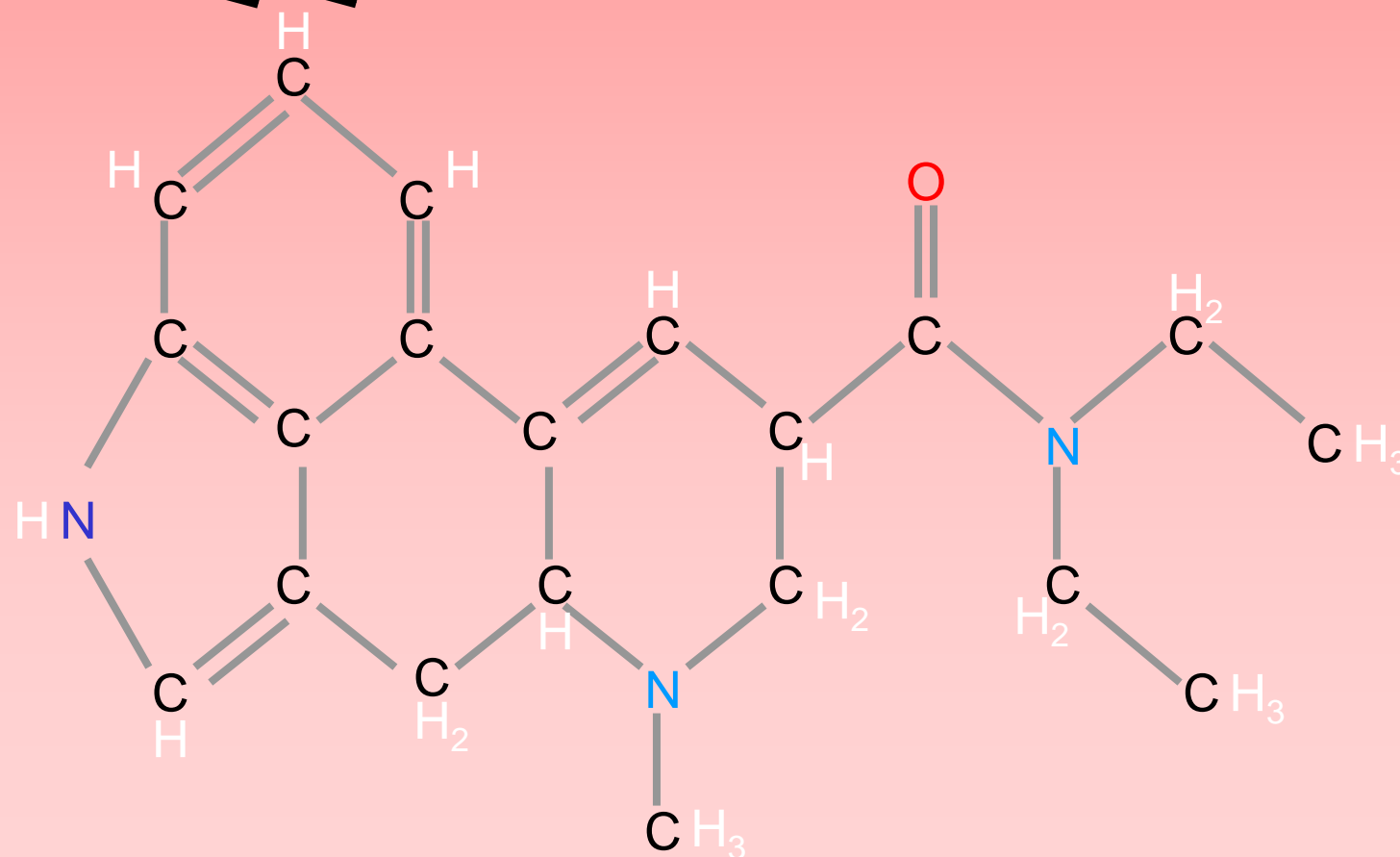


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This is **LSD**, also known as **Acid**. It is an hallucinogenic drug.



What you will need:

20 C Carbon

25 H Hydrogen  
(White)

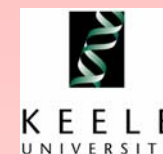
1 O Oxygen (red)

2 N Nitrogen  
(Light Blue)

1 N Nitrogen  
(Dark Blue)

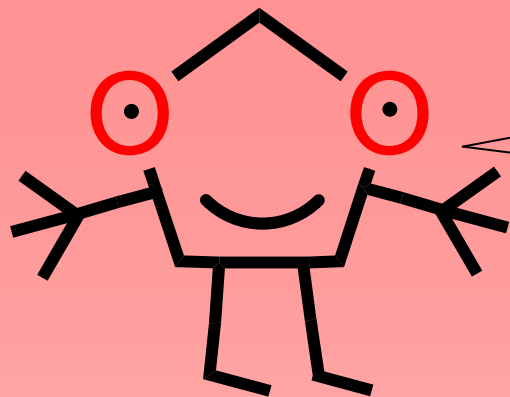
22 — short gray  
single bond

10 == long gray  
double bond

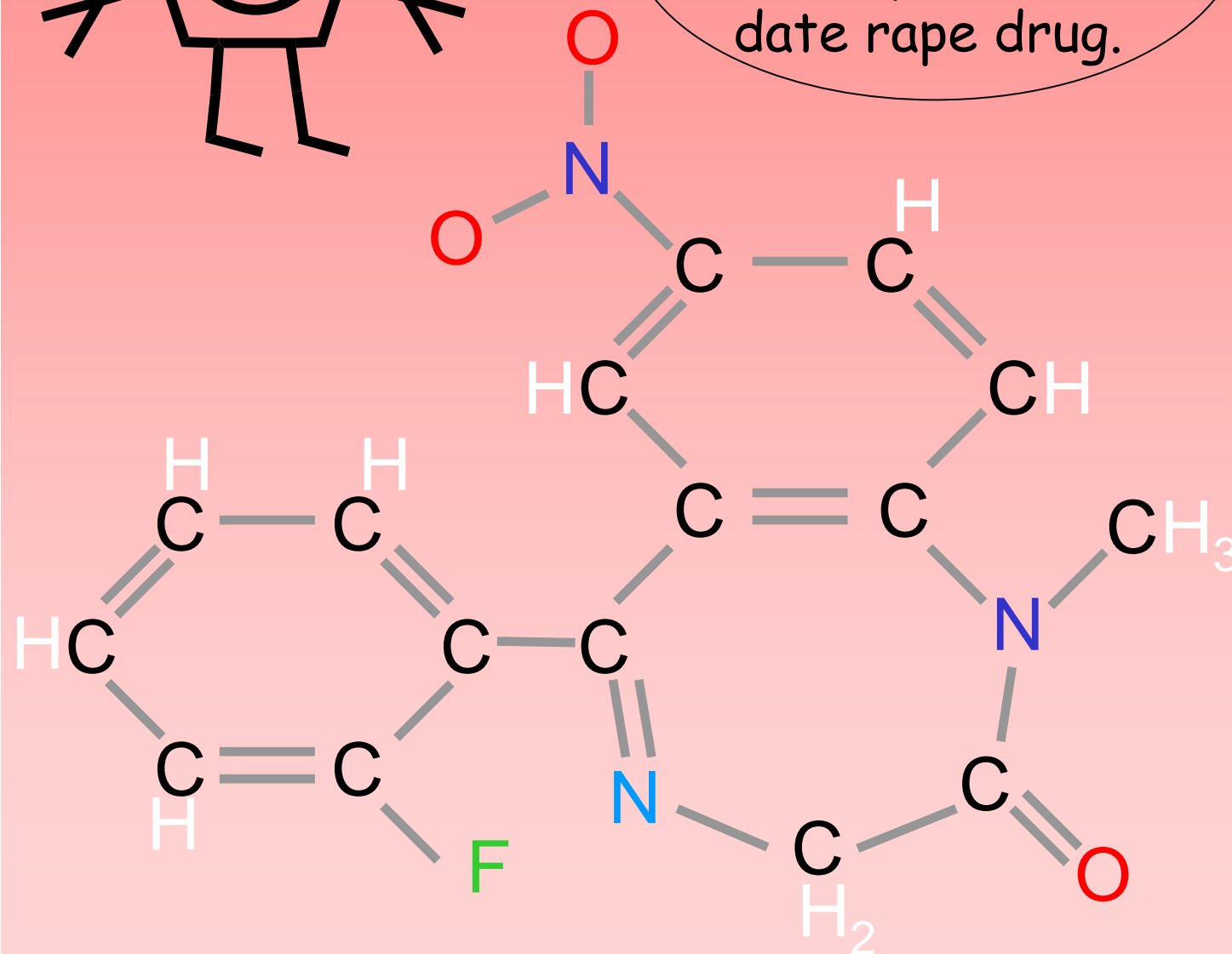


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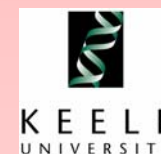


This is  
**Rohypnol**,  
 commonly called the  
 date rape drug.



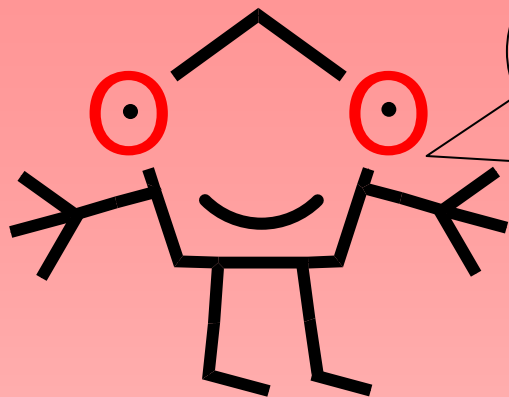
What you will need:

- 16 C Carbon
- 12 H Hydrogen (White)
- 3 O Oxygen (red)
- 1 N Nitrogen (Light Blue)
- 2 N Nitrogen (Dark Blue)
- 1 Fluorine (green)
- 17 — short gray single bond
- 16 == long gray double bond

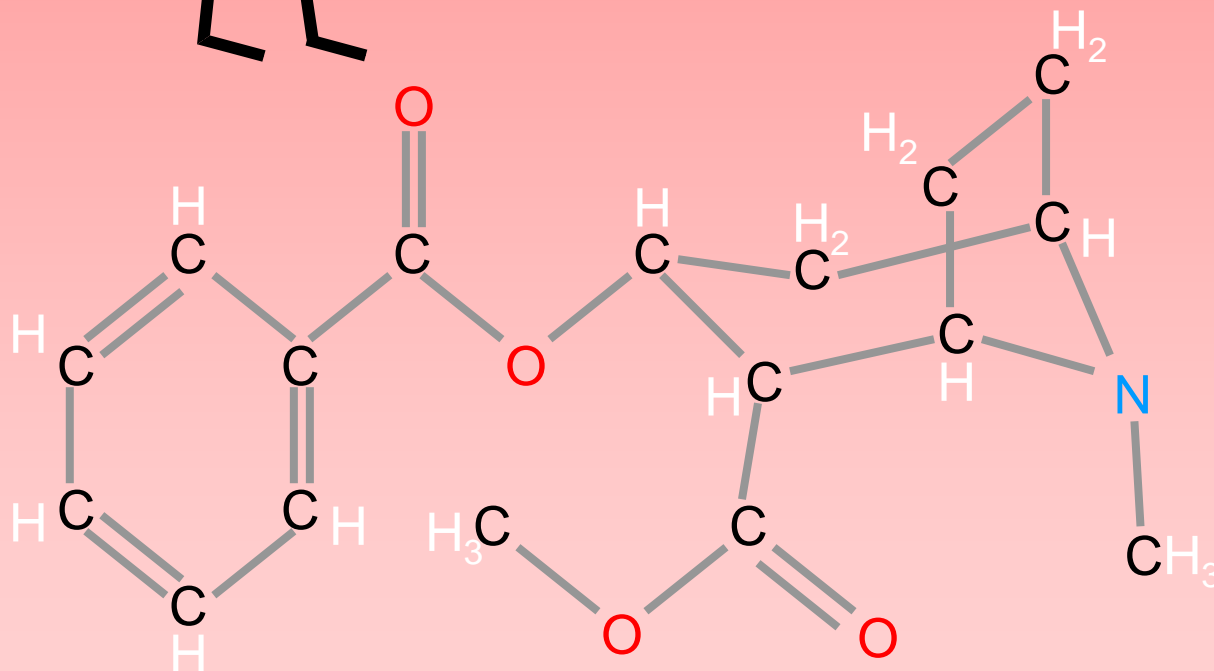


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This is **Cocaine**.  
A natural stimulant  
extracted from the  
Coca plant.



What you will need:

17 C Carbon

21 H Hydrogen  
(White)

4 O Oxygen (red)

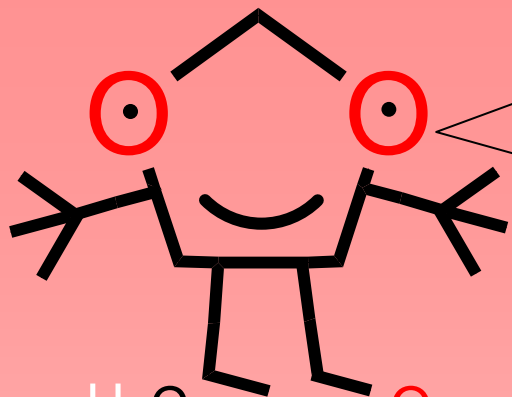
1 N Nitrogen  
(Light Blue)

19 — short gray  
single bond

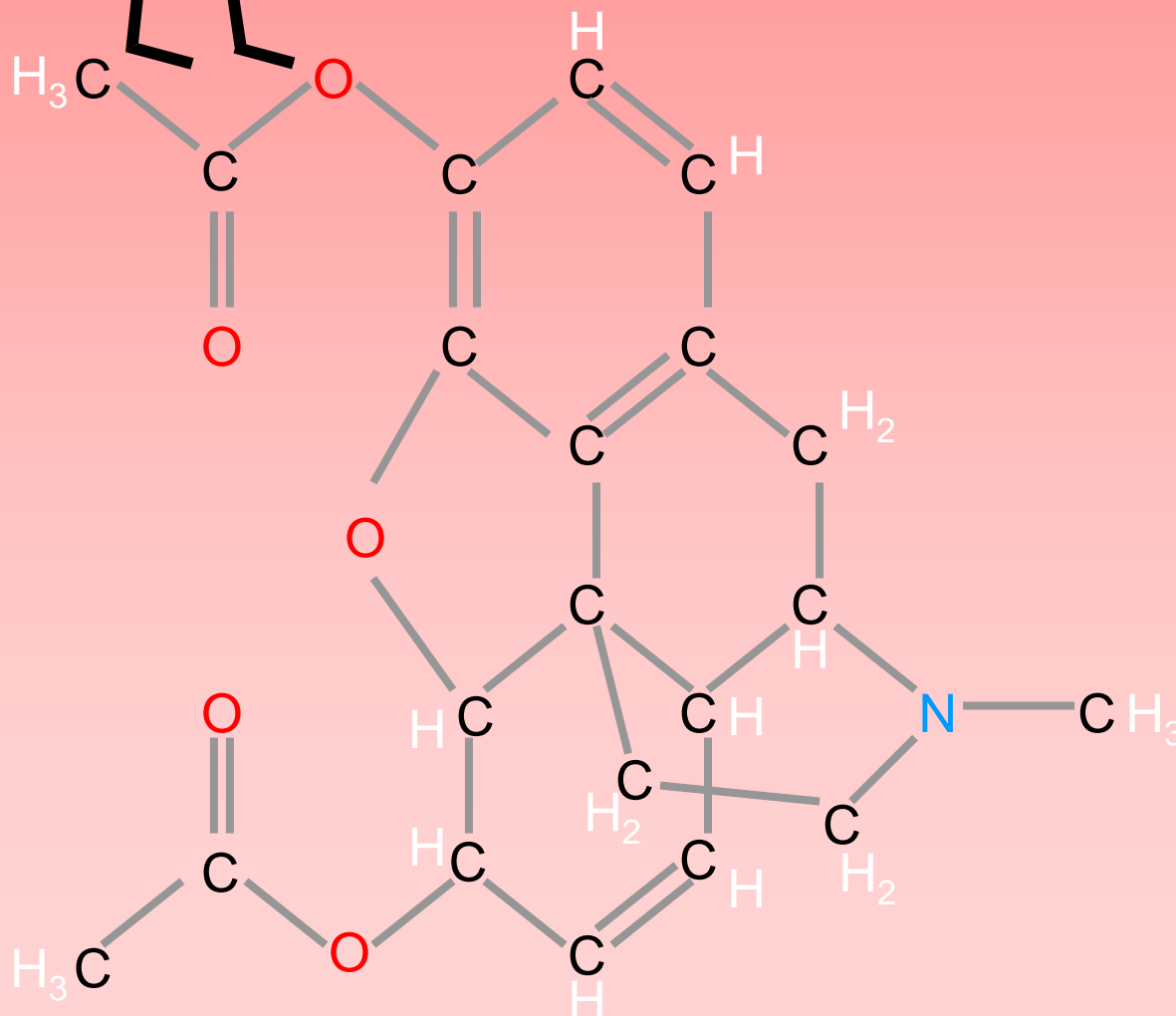
10 = long gray  
double bond



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This is **Heroin**.  
A drug derived from  
the opium poppy.



What you will need:

21 C Carbon

23 H Hydrogen  
(White)

5 O Oxygen (red)

1 N Nitrogen  
(Light Blue)

25 — short gray  
single bond

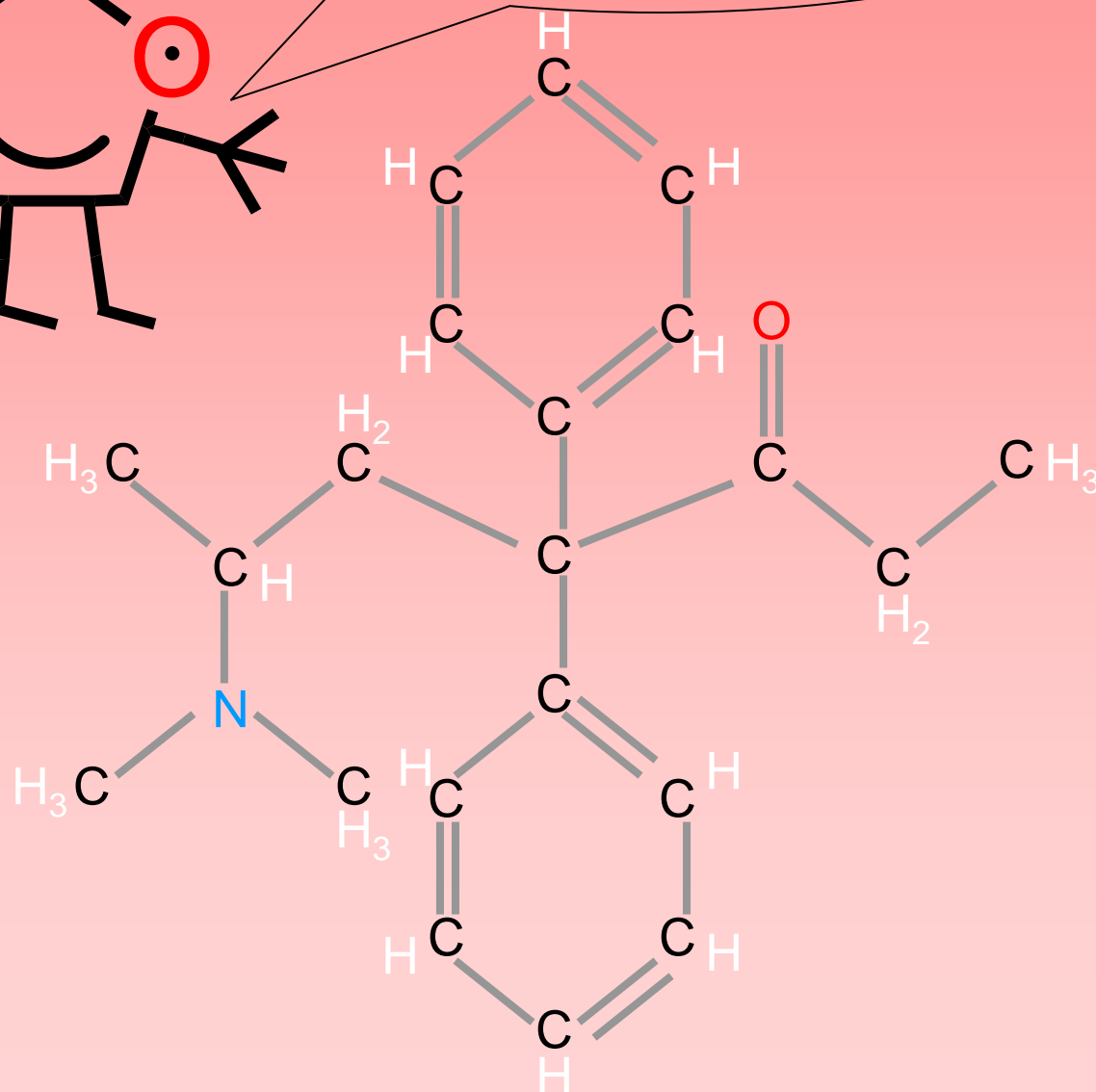
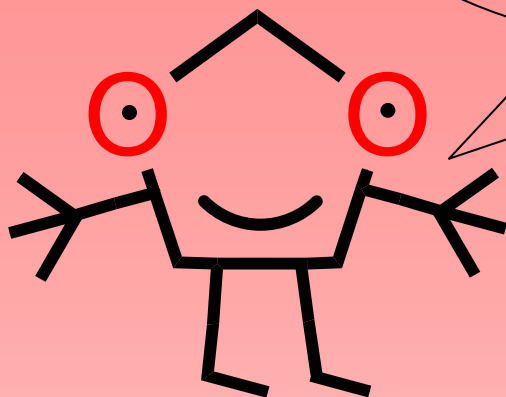
12 == long gray  
double bond



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This is **Methadone**.  
Used as a treatment for  
heroin addiction



What you will need:

21 C Carbon

27 H Hydrogen  
(White)

1 O Oxygen (red)

1 N Nitrogen  
(Light Blue)

17 — short gray  
single bond

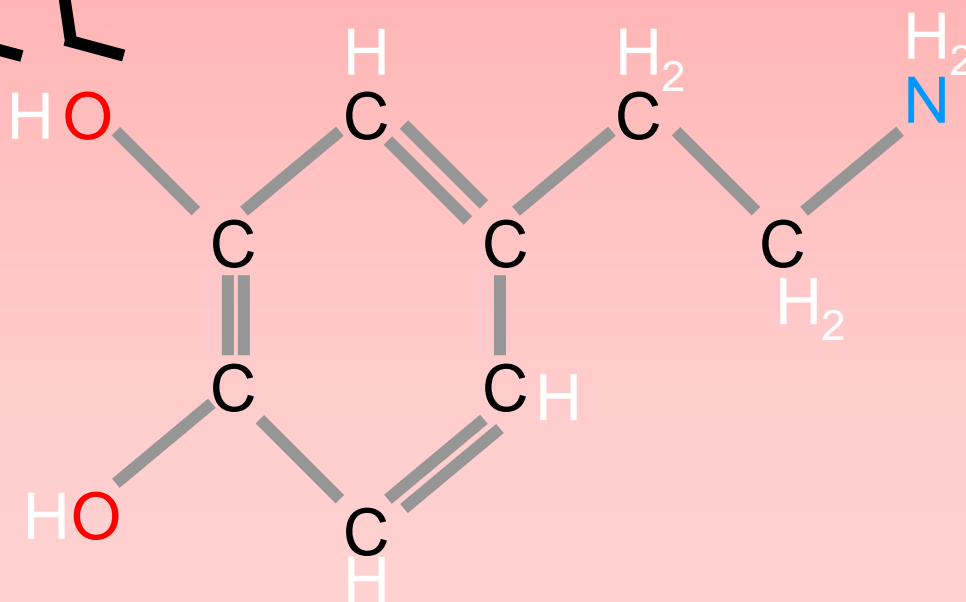
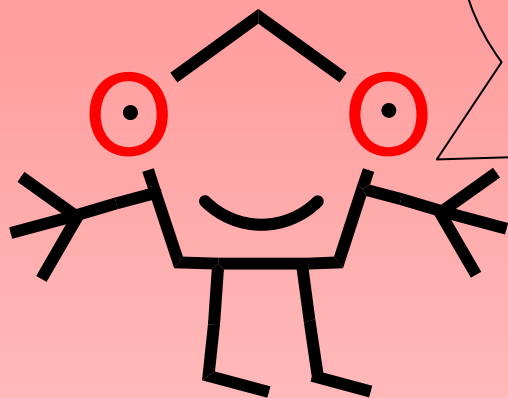
14 == long gray  
double bond



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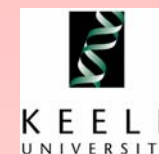
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This is **Dopamine**  
 The neurotransmitter that  
 produces feelings of  
 pleasure when released by  
 the brain reward system.



What you will need:

- 8 C Carbon
- 11 H Hydrogen (White)
- 2 O Oxygen (red)
- 1 N Nitrogen (Light Blue)
- 8 — short gray single bond
- 6 == long gray double bond



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