

Energy Use in cells

A. *What is the source of all energy on the planet?*

B. *What is used for energy by most living things?*

C. *Why is sugar not useable as it is?*

1. Too powerful

a.

b.

2. Too Slow

a.

b.

3. Cells don't give change

a.

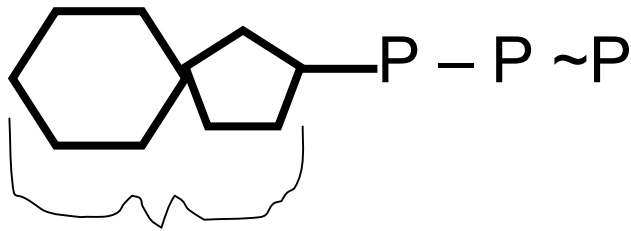
b.

c.

D. The Solution

Adenosine Tri-Phosphate (ATP)

1. Structure



2. Properties

a.

b.

1)

2)

3)

4)

c.

1)

2)