





<https://vizle.offnote.co>

Contact us: [vizle@offnote.co](mailto:vizle@offnote.co)

This document was generated automatically by **Vizle**

Your **Personal Video Reader Assistant**

Learn from Videos **Faster** and **Smarter**

### VIZLE PRO / BIZ

- Convert *entire* videos <sup>PDF, PPT</sup>
- *Customize* to retain all essential content
- Include Spoken *Transcripts*
- Customer support

Visit <https://vizle.offnote.co/pricing> to learn more

### VIZLE FREE PLAN

- Convert videos *partially* <sup>PDF only</sup>
- Slides may be *skipped*\*
- Usage restrictions
- No Customer support

Visit <https://vizle.offnote.co> to try free

**Login to Vizle** to unlock more slides\*

 FIVE-CARBON  
SUGAR (RIBOSE)

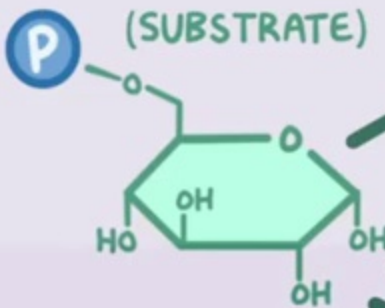
NICOTINAMIDE ADENINE  
DINUCLEOTIDE PHOSPHATE (NADPH)

# PENTOSE PHOSPHATE PATHWAY

Vizle



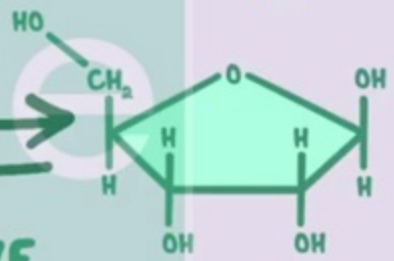
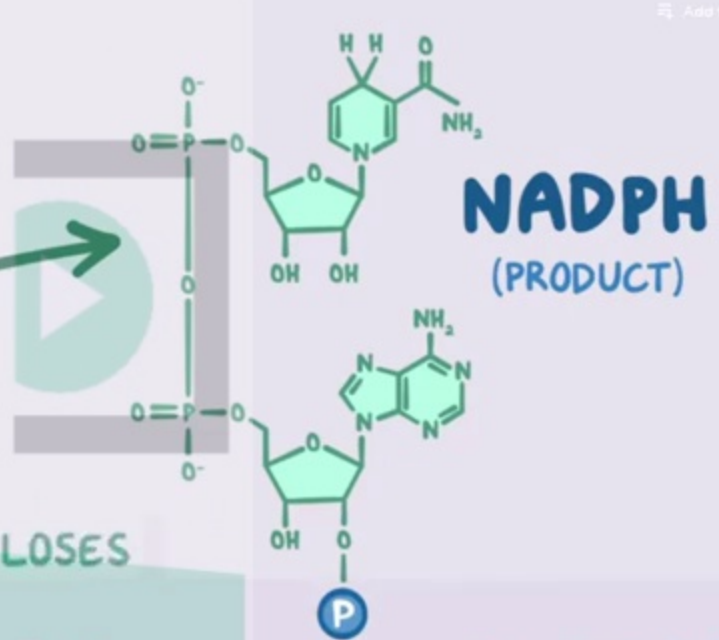
IRREVERSIBLE  
\* OXIDATIVE



\* OXIDATION  
↳ DONATES or LOSES

(SUBSTRATE or  
PRODUCT)

REVERSIBLE  
\* NON-OXIDATIVE



**RIBOSE**  
(SUBSTRATE or  
PRODUCT)

NADPH

V



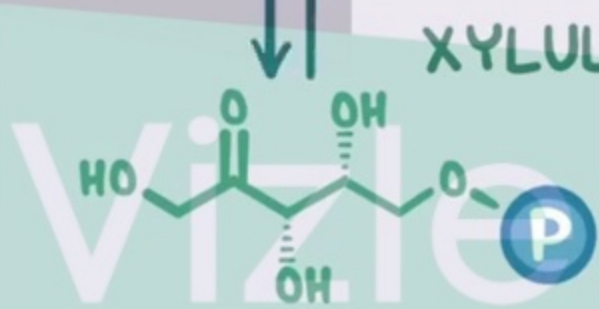
Vizle



# NON-OXIDATIVE

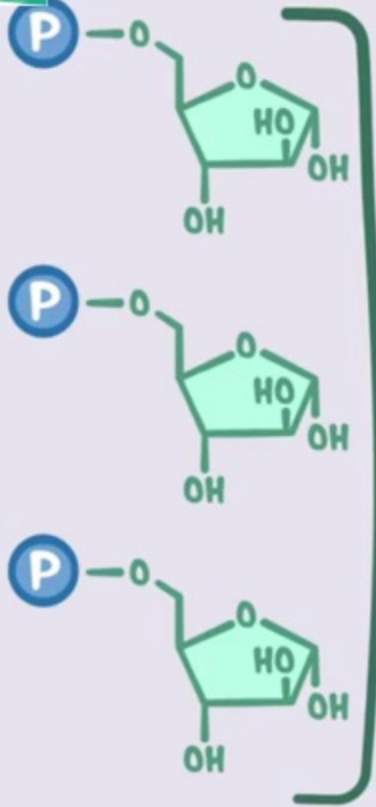
- \* FLEXIBLE
- \* REVERSIBLE

GENERATE PRODUCTS  
DEPENDING ON CELL  
NEEDS



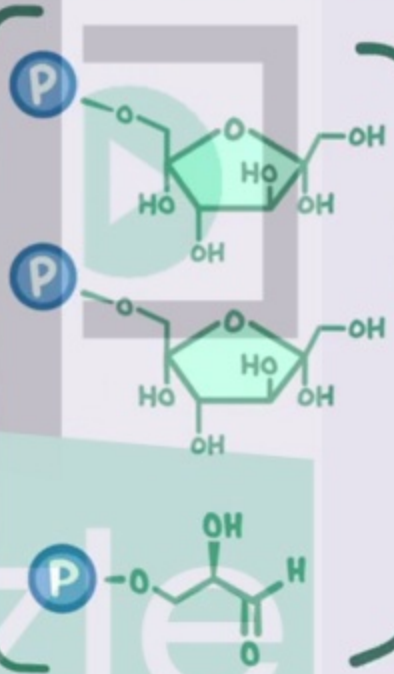
# GLUCOSE-5-PHOSPHATE

Vizle



PEN

# FRUCTOSE-6-PHOSPHATE



GLYCOLYSIS

# GLYCERALDEHYDE-3-PHOSPHATE



<https://vizle.offnote.co>

Contact us: [vizle@offnote.co](mailto:vizle@offnote.co)

This document was generated automatically by **Vizle**

Your **Personal Video Reader Assistant**

Learn from Videos **Faster** and **Smarter**

### VIZLE PRO / BIZ

- Convert *entire* videos <sup>PDF, PPT</sup>
- *Customize* to retain all essential content
- Include Spoken *Transcripts*
- Customer support

Visit <https://vizle.offnote.co/pricing> to learn more

### VIZLE FREE PLAN

- Convert videos *partially* <sup>PDF only</sup>
- Slides may be *skipped*\*
- Usage restrictions
- No Customer support

Visit <https://vizle.offnote.co> to try free

**Login to Vizle** to unlock more slides\*