

Pentoses

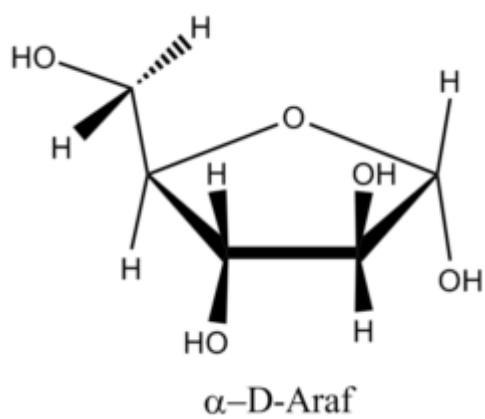
Description

ARABINOSE

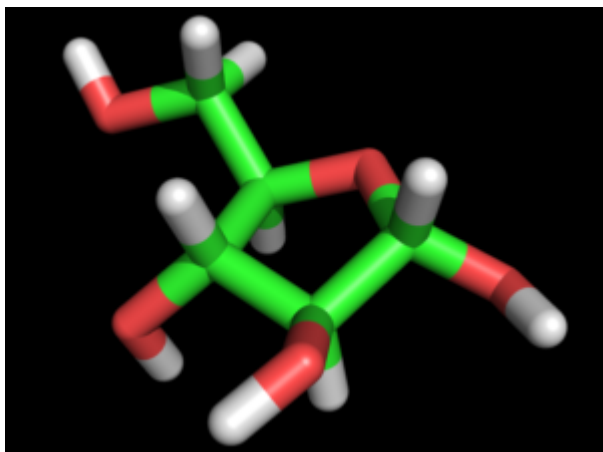
gets its name from "**Gum Arabic**", from which it was first isolated



?-D-Arabinofuranose



?-D-Arabinofuranose



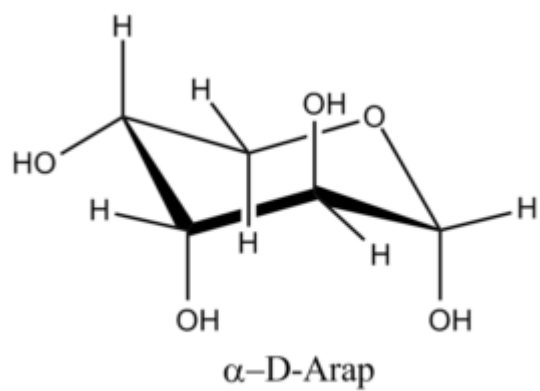
α -D-Arabinofuranose



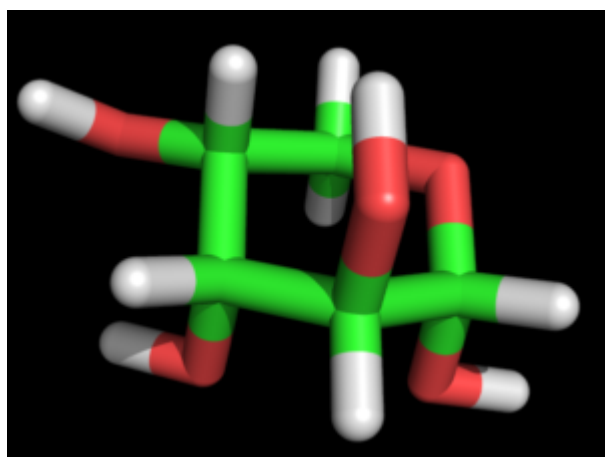
α -D-Arabinofuranose



β -D-Arabinopyranose



?-D-Arabinopyranose



PDB

?-D-Arabinopyranose

13a. β -L-Arabinofuranose

Image not found or type unknown

?-L-Arabinofuranose

13b. β -L-Arabinofuranose

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?-L-Arabinofuranose

13c. β -L-Arabinofuranose

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The image shows the logo for the Protein Data Bank (PDB). It consists of a solid blue square with the letters "PDB" in a white, bold, sans-serif font centered within it.

?-L-Arabinofuranose

14a. $\hat{\pm}$ -L-Arabinopyranose

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?-L-Arabinopyranose

14b. $\hat{\pm}$ -L-Arabinopyranose

Image not found or type unknown

?-L-Arabinopyranose

14c. $\hat{\pm}$ -L-Arabinopyranose

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?-L-Arabinopyranose



?-L-Arabinopyranose

15a. β -D-Arabinofuranose

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?-D-Arabinofuranose

15b. β -D-Arabinofuranose

Image not found or type unknown

?-D-Arabinofuranose

15c. β -D-Arabinofuranose

Image not found or type unknown



?D-Galactofuranose

16a. β -D-Arabinopyranose

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?-D-Arabinopyranose

16b. β -D-Arabinopyranose

Image not found or type unknown

?-D-Arabinopyranose

16c. β -D-Arabinopyranose

Image not found or type unknown



?-D-Arabinopyranose

17a. β -L-Arabinofuranose

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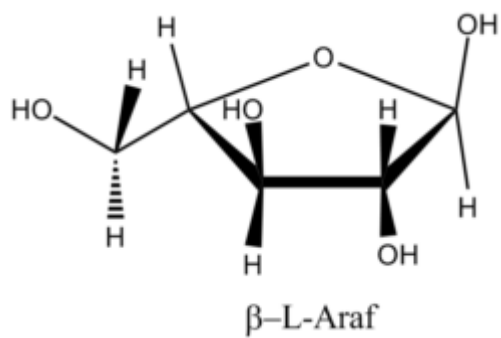
 β -L-Arabinofuranose β -L-Arabinofuranose17c. β -L-Arabinofuranose

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PDB

?-L-Arabinofuranose

18a. $\hat{1}^2$ -L-Arabinopyranose

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?-L-Arabinopyranose

18b. $\hat{1}^2$ -L-Arabinopyranose

Image not found or type unknown

?-L-Arabinopyranose

18c. $\hat{1}^2$ -L-Arabinopyranose

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?-L-Arabinopyranose



?-L-Arabinopyranose

LYXOSE

gets its name as an anagram of "Xylose"

21a. $\hat{\pm}$ -D-Lyxofuranose

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?-D-Lyxofuranose

21b. $\hat{\pm}$ -D-Lyxofuranose

Image not found or type unknown

?-D-Lyxofuranose

21c. $\hat{\pm}$ -D-Lyxofuranose

Image not found or type unknown



?-D-Lyxofuranose

22a. $\hat{\pm}$ -D-Lyxopyranose

Image not found or type unknown

?-D-Lyxopyranose

22b. α -D-Lyxopyranose

Image not found or type unknown

β -D-Lyxopyranose

22c. α -D-Lyxopyranose

Image not found or type unknown



β -D-Lyxopyranose

23a. α -L-Lyxofuranose

Image not found or type unknown

?-L-Lyxofuranose

23b. β -L-Lyxofuranose

Image not found or type unknown

?-L-Lyxofuranose

23c. α -L-Lyxofuranose

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The image shows a blue square with the white text "PDB" in the center, which is the logo for the Protein Data Bank.

?-L-Lyxofuranose

24a. $\hat{\pm}$ -L-Lyxopyranose

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?-L-Lyxopyranose

24b. $\hat{\pm}$ -L-Lyxopyranose

Image not found or type unknown

?-L-Lyxopyranose

24c. $\hat{\pm}$ -L-Lyxopyranose

Image not found or type unknown

?-L-Lyxopyranose



?-L-Lyxopyranose

[25a. \$\beta\$ -D-Lyxofuranose](#)

Image not found or type unknown

?-D-Lyxofuranose

[25b. \$\beta\$ -D-Lyxofuranose](#)

Image not found or type unknown

?-D-Lyxofuranose

25c. β -D-Lyxofuranose

Image not found or type unknown



?-D-Lyxofuranose

26a. β -D-Lyxopyranose

Image not found or type unknown

?-D-Lyxopyranose

26b. β -D-Lyxopyranose

Image not found or type unknown

?-D-Lyxopyranose

26c. β -D-Lyxopyranose

Image not found or type unknown



?-D-Lyxopyranose

27a. β -L-Lyxofuranose

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?-L-Lyxofuranose

27b. β -L-Lyxofuranose

Image not found or type unknown

?-L-Lyxofuranose

27c. β -L-Lyxofuranose

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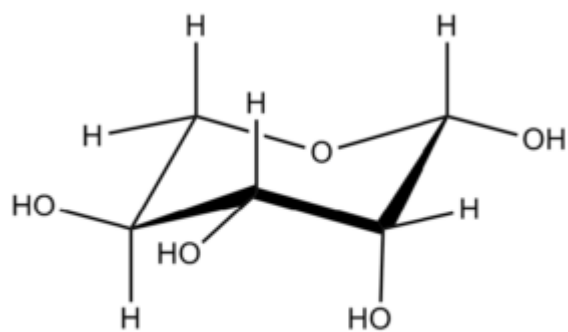
The image shows the logo for the Protein Data Bank (PDB). It consists of the letters "PDB" in a white, sans-serif font, centered on a solid blue square background.

?-L-Lyxofuranose

28a. $\hat{1}^2$ -L-Lyxopyranose

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?-L-Lyxopyranose



β -L-Lyxp

?-L-Lyxopyranose

28c. $\hat{1}^2$ -L-Lyxopyranose

Image not found or type unknown

?-L-Lyxopyranose



?-L-Lyxopyranose

RIBOSE

*gets its name from “**Arabinose**” by ommission and transposition of letters*

31a. Î±-D-Ribofuranose

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?-D-Ribofuranose

31b. Î±-D-Ribofuranose

Image not found or type unknown

?-D-Ribofuranose

31c. β -D-Ribofuranose

Image not found or type unknown



?-D-Ribofuranose

32a. β -D-Ribopyranose

Image not found or type unknown

?-D-Ribopyranose

32b. α -D-Ribopyranose

Image not found or type unknown

β -D-Ribopyranose

32c. α -D-Ribopyranose

Image not found or type unknown



β -D-Ribopyranose

33a. β -L-Ribofuranose

Image not found or type unknown

?-L-Ribofuranose

33b. β -L-Ribofuranose

Image not found or type unknown

?-L-Ribofuranose

33c. β -L-Ribofuranose

Image not found or type unknown

The image shows the logo for the Protein Data Bank (PDB). It consists of the letters "PDB" in a white, sans-serif font, centered on a solid blue square background.

?-L-Ribofuranose

34a. $\hat{\pm}$ -L-Ribopyranose

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?-L-Ribopyranose

34b. $\hat{\pm}$ -L-Ribopyranose

Image not found or type unknown

?-L-Ribopyranose

34c. $\hat{\pm}$ -L-Ribopyranose

Image not found or type unknown

?-L-Ribopyranose



?-L-Ribopyranose

35a. β -D-Ribofuranose

Image not found or type unknown

?-D-Ribofuranose

35b. β -D-Ribofuranose

Image not found or type unknown

?-D-Ribofuranose

35c. β -D-Ribofuranose

Image not found or type unknown



?-D-Ribofuranose

36a. β -D-Ribopyranose

Image not found or type unknown

?-D-Ribopyranose

36b. β -D-Ribopyranose

Image not found or type unknown

β -D-Ribopyranose

36c. α -D-Ribopyranose

Image not found or type unknown



α -D-Ribopyranose

37a. β -L-Ribofuranose

Image not found or type unknown

?-L-Ribofuranose

37b. β -L-Ribofuranose

Image not found or type unknown

?-L-Ribofuranose

37c. β -L-Ribofuranose

Image not found or type unknown

The image shows a blue square with the white text "PDB" in the center, which is the logo for the Protein Data Bank.

?-L-Ribofuranose

38a. $\hat{\text{I}}^2$ -L-Ribopyranose

Image not found or type unknown

?-L-Ribopyranose

38b. $\hat{\text{I}}^2$ -L-Ribopyranose

Image not found or type unknown

?-L-Ribopyranose

38c. $\hat{\text{I}}^2$ -L-Ribopyranose

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?-L-Ribopyranose



?-L-Ribopyranose

XYLOSE

gets its name from Greek: "Xylon" : wood

41a. $\hat{\pm}$ -D-Xylofuranose

Image not found or type unknown

?-D-Xylofuranose

41b. $\hat{\pm}$ -D-Xylofuranose

Image not found or type unknown

?-D-Xylofuranose

41c. α -D-Xylofuranose

Image not found or type unknown



?-D-Xylofuranose



?-D-Xylopyranose

42b. $\hat{\pm}$ -D-Xylopyranose

Image not found or type unknown

?-D-Xylopyranose

42c. $\hat{\pm}$ -D-Xylopyranose

Image not found or type unknown



?-D-Xylopyranose

43a. $\hat{\pm}$ -L-Xylofuranose

Image not found or type unknown

?-L-Xylofuranose

43b. $\hat{\pm}$ -L-Xylofuranose

Image not found or type unknown

?-L-Xylofuranose

43c. $\hat{\pm}$ -L-Xylofuranose

Image not found or type unknown

?-L-Xylofuranose



?-L-Xylofuranose

44a. β -L-Xylopyranose

Image not found or type unknown

?-L-Xylopyranose

44b. β -L-Xylopyranose

Image not found or type unknown

?-L-Xylopyranose

44c. β -L-Xylopyranose

Image not found or type unknown



?-L-Xylopyranose

45a. β -D-Xylofuranose

Image not found or type unknown

?-D-Xylofuranose

45b. β -D-Xylofuranose

Image not found or type unknown

β -D-Xylofuranose

45c. α -D-Xylofuranose

Image not found or type unknown



α -D-Xylofuranose

46a. β -D-Xylofuranose

Image not found or type unknown

?-D-Xylofuranose

46b. β -D-Xylofuranose

Image not found or type unknown

?-D-Xylofuranose

46c. β -D-Xylofuranose

Image not found or type unknown

?-D-Xylofuranose



?-D-Xylofuranose

[47a. \$\beta\$ -L-Xylofuranose](#)

Image not found or type unknown

?-L-Xylofuranose

[47b. \$\beta\$ -L-Xylofuranose](#)

Image not found or type unknown

?-L-Xylofuranose

47c. β -L-Xylofuranose

Image not found or type unknown



?-L-Xylofuranose

48a. β -L-Xylopyranose

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?-L-Xylopyranose

48b. β -L-Xylopyranose

Image not found or type unknown

?-L-Xylopyranose

48c. β -L-Xylopyranose

Image not found or type unknown



?-L-Xylopyranose

Category

1. News