

Hexoses

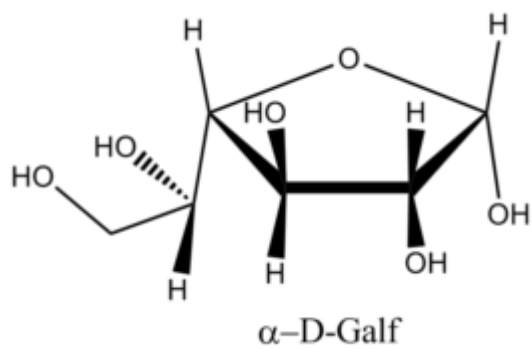
Description

GALACTOSE

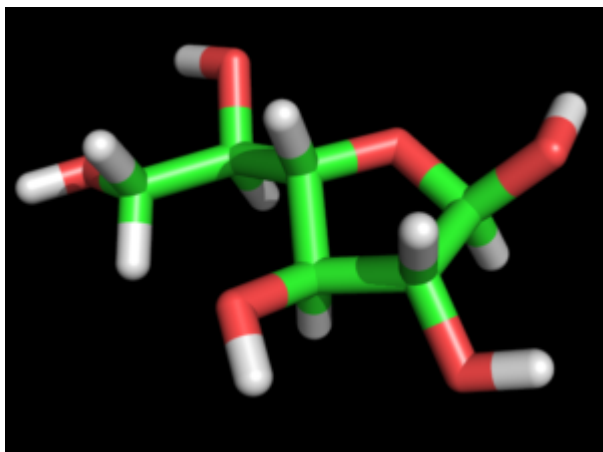
gets its name from Ancient Greek : "**galakos**" : milk



?D-Galactofuranose



?D-Galactofuranose



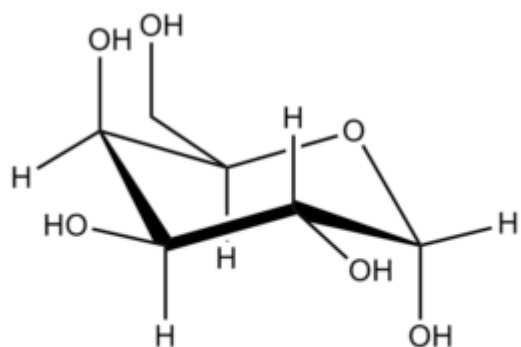
α -D-Galactofuranose



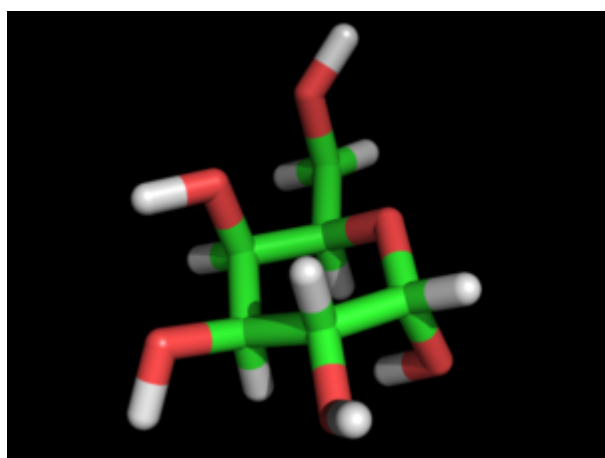
α -D-Galactofuranose



α -D-Galactopyranose

 α -D-Galp

?-D-Galactopyranose



PDB

?-D-Galactopyranose

23a. $\hat{1}\pm$ -L-Galactofuranose

Image not found or type unknown

?-L-Galactofuranose

27b. $\hat{1}^2$ -L-Galactofuranose

Image not found or type unknown

?-L-Galactofuranose

23c. $\hat{1}\pm$ -L-Galactofuranose

Image not found or type unknown

?-L-Galactofuranose



?-L-Galactofuranose

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

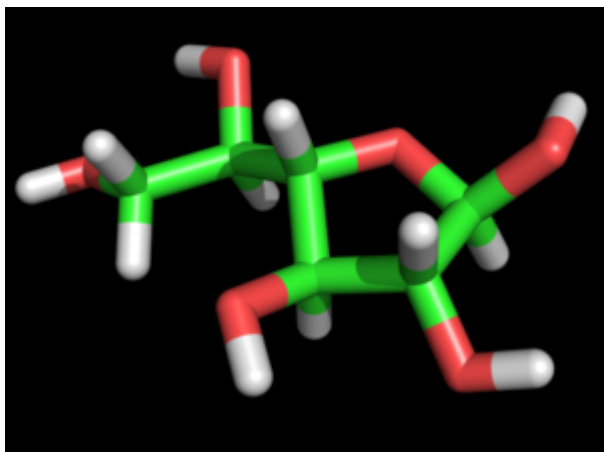
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?-D-Galactofuranose

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

Image not found or type unknown

?-D-Galactofuranose



PDB

?-D-Galactofuranose

26a. β -D-Galactopyranose

Image not found or type unknown

?-D-Galactopyranose

26b. β -D-Galactopyranose

Image not found or type unknown

?-D-Galactopyranose

26c. β -D-Galactopyranose

Image not found or type unknown



?-D-Galactopyranose



?-L-Galactofuranose

27b. $\hat{1}^2$ -L-Galactofuranose

?-L-Galactofuranose

27c. $\hat{1}^2$ -L-Galactofuranose

Image not found or type unknown

?-L-Galactofuranose



?-D-Galactopyranose

[28a. \$\beta\$ -L-Galactopyranose](#)

Image not found or type unknown

?-L-Galactopyranose

[28b. \$\beta\$ -L-Galactopyranose](#)

Image not found or type unknown

?-L-Galactopyranose

28c. β -L-Galactopyranose

Image not found or type unknown



?-D-Galactopyranose

GLUCOSE

*gets its name from Ancient Greek : “**gleukos**” : sweet wine, must*

31a. α -D-Glucofuranose

Image not found or type unknown

?-D-Glucofuranose

31b. $\hat{\pm}$ -D-Glucofuranose

Image not found or type unknown

?-D-Glucofuranose

31c. $\hat{\pm}$ -D-Glucofuranose

Image not found or type unknown



?-D-Glucofuranose

32a. $\hat{\pm}$ -D-Glucopyranose

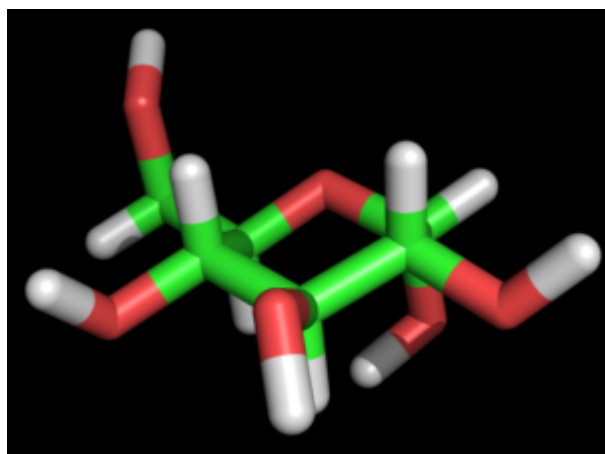
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?-D-Glucopyranose

32b. $\hat{\pm}$ -D-Glucopyranose

Image not found or type unknown

?-D-Glucopyranose



?-D-Glucopyranose

The image shows the PDB logo, which consists of the letters 'PDB' in a white, sans-serif font centered on a solid blue square background.

?-D-Glucopyranose

33a. $\hat{\pm}$ -L-Glucofuranose

Image not found or type unknown

?-L-Glucofuranose

33b. $\hat{\pm}$ -L-Glucofuranose

Image not found or type unknown

?-L-Glucofuranose

33c. α -L-Glucofuranose

Image not found or type unknown



?-L-Glucofuranose

34a. α -L-Glucopyranose

Image not found or type unknown

?-L-Glucopyranose

34b. α -L-Glucopyranose

Image not found or type unknown

β -L-Glucopyranose

34c. α -L-Glucopyranose

Image not found or type unknown



β -L-Glucopyranose

35a. $\hat{1}^2$ -D-Glucofuranose

Image not found or type unknown

35a. $\hat{1}^2$ -D-Glucofuranose

35b. $\hat{1}^2$ -D-Glucofuranose

Image not found or type unknown

?-D-Glucofuranose

35c. $\hat{1}^2$ -D-Glucofuranose

Image not found or type unknown

?-D-Glucofuranose

The logo for the Protein Data Bank (PDB) is displayed in white, uppercase letters on a solid blue square background.

?-D-Glucofuranose

36a. β -D-Glucopyranose

Image not found or type unknown

?-D-Glucopyranose

36b. β -D-Glucopyranose

Image not found or type unknown

?-D-Glucopyranose

36c. β -D-Glucopyranose

Image not found or type unknown



?-D-Glucopyranose

37a. β -L-Glucofuranose

Image not found or type unknown

?-L-Glucofuranose

37b. β -L-Glucofuranose

Image not found or type unknown

β -L-Glucofuranose

37c. α -L-Glucofuranose

Image not found or type unknown

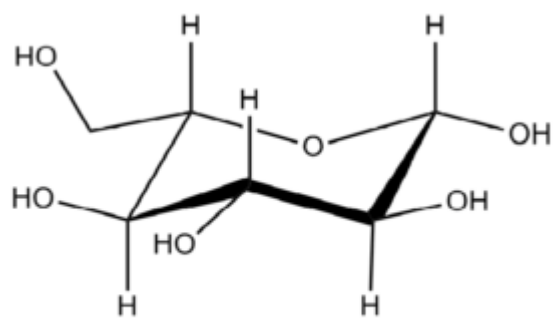
The image shows the logo for the Protein Data Bank (PDB). It consists of a solid blue square with the letters "PDB" in a white, bold, sans-serif font centered within it.

?-L-Glucofuranose

38a. $\hat{1}^2$ -L-Glucopyranose

Image not found or type unknown

?-L-Glucopyranose



β -L-Glcp

?-L-Glucopyranose

38c. $\hat{1}^2$ -L-Glucopyranose

Image not found or type unknown

?-L-Glucopyranose



?-L-Glucopyranose

MANNOSE

*gets its name from Ancient Hebrew : “**manna**“, the food supply of the Israelites during thier journey in the Sinai*

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

Image not found or type unknown

?-D-Mannofuranose

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

Image not found or type unknown

?-D-Mannofuranose

41c. Î±-D-Mannofuranose

Image not found or type unknown



?-D-Mannofuranose

42a. Î±-D-Mannopyranose

Image not found or type unknown

?-D-Mannopyranose

42b. α -D-Mannopyranose

Image not found or type unknown

β -D-Mannopyranose

42c. α -D-Mannopyranose

Image not found or type unknown



β -D-Mannopyranose

43a. Î±-L-Mannofuranose

Image not found or type unknown

?-L-Mannofuranose

43b. Î±-L-Mannofuranose

Image not found or type unknown

?-L-Mannofuranose

43c. Î±-L-Mannofuranose

Image not found or type unknown

?-L-Mannofuranose



?-L-Mannofuranose

44a. $\hat{\pm}$ -L-Mannopyranose

Image not found or type unknown

?-L-Mannopyranose

44b. $\hat{\pm}$ -L-Mannopyranose

Image not found or type unknown

?-L-Mannopyranose

44c. α -L-Mannopyranose

Image not found or type unknown



?-L-Mannopyranose

45a. β -D-Mannofuranose

Image not found or type unknown

?-D-Mannofuranose

45b. β -D-Mannofuranose

Image not found or type unknown

?-D-Mannofuranose

45c. β -D-Mannofuranose

Image not found or type unknown



?-D-Mannofuranose

46a. β -D-Mannopyranose

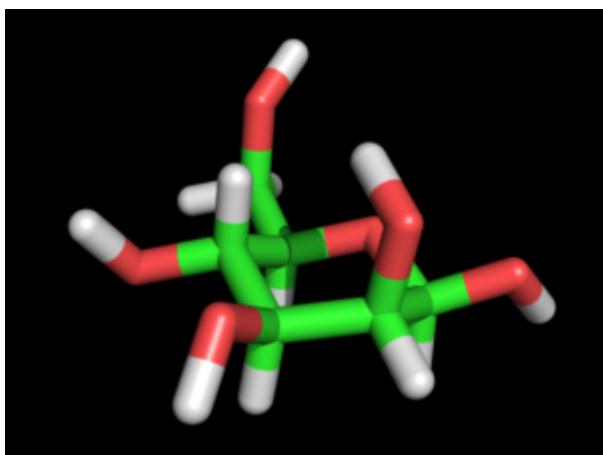
Image not found or type unknown

?-D-Mannopyranose

46b. β -D-Mannopyranose

Image not found or type unknown

?-D-Mannopyranose



?-D-Mannopyranose



?-D-Mannopyranose

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

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?-L-Mannofuranose

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

Image not found or type unknown

?-L-Mannofuranose

47c. β -L-Mannofuranose

Image not found or type unknown



?-L-Mannofuranose

48a. β -L-Mannopyranose

Image not found or type unknown

?-L-Mannopyranose

48b. β -L-Mannopyranose

Image not found or type unknown

?-L-Mannopyranose

48c. β -L-Mannopyranose

Image not found or type unknown



?-L-Mannopyranose

GALACTOSE

gets its name from Ancient Greek : “**galakos**” : milk

51a. $\hat{\pm}$ -D-Idofuranose

Image not found or type unknown

?-D-Idofuranose

51b. $\hat{\pm}$ -D-Idofuranose

Image not found or type unknown

?-D-Idofuranose

51c. $\hat{\pm}$ -D-Idofuranose

Image not found or type unknown

?-D-Idofuranose



?-D-Idofuranose

52a. $\hat{\pm}$ -D-Idopyranose

Image not found or type unknown

?-D-Idopyranose

52b. $\hat{\pm}$ -D-Idopyranose

Image not found or type unknown

?-D-Idopyranose

52c. α -D-Idopyranose

Image not found or type unknown



?-D-Idopyranose

53a. α -L-Idofuranose

Image not found or type unknown

?-L-Idofuranose

53b. $\hat{\pm}$ -L-Idofuranose

Image not found or type unknown

?-L-Idofuranose

53c. $\hat{\pm}$ -L-Idofuranose

Image not found or type unknown

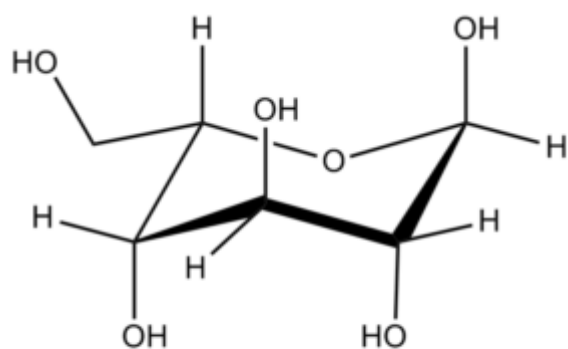


?-L-Idofuranose

54a. $\hat{\pm}$ -L-Idopyranose

Image not found or type unknown

?-L-Idopyranose

 α -L-Idop

?-L-Idopyranose

54c. $\hat{\pm}$ -L-Idopyranose

Image not found or type unknown

?-L-Idopyranose



?-L-Idopyranose

[55a. \$\beta\$ -D-Idofuranose](#)

Image not found or type unknown

?-D-Idofuranose

[55b. \$\beta\$ -D-Idofuranose](#)

Image not found or type unknown

?-D-Idofuranose

55c. β -D-Idofuranose

Image not found or type unknown



?-D-Idofuranose

57a. β -L-Idofuranose

Image not found or type unknown

?-L-Idofuranose

57b. β -L-Idofuranose

Image not found or type unknown

?-L-Idofuranose

57c. β -L-Idofuranose

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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.

?-D-Idopyranose

[58a. \$\hat{I}^2\$ -L-Idopyranose](#)

Image not found or type unknown

?-L-Idopyranose

[58b. \$\hat{I}^2\$ -L-Idopyranose](#)

Image not found or type unknown

?-L-Idopyranose

[58c. \$\hat{I}^2\$ -L-Idopyranose](#)

Image not found or type unknown

?-L-Idopyranose



?-L-Idofuranose

GULOSE

*gets its name from “**Glucose**” by omission and transposition of letters*

61a. $\hat{\pm}$ -D-Gulofuranose

Image not found or type unknown

?-D-Gulofuranose

61b. $\hat{\pm}$ -D-Gulofuranose

Image not found or type unknown

?-D-Gulofuranose

61c. α -D-Gulofuranose

Image not found or type unknown



?-D-Gulofuranose

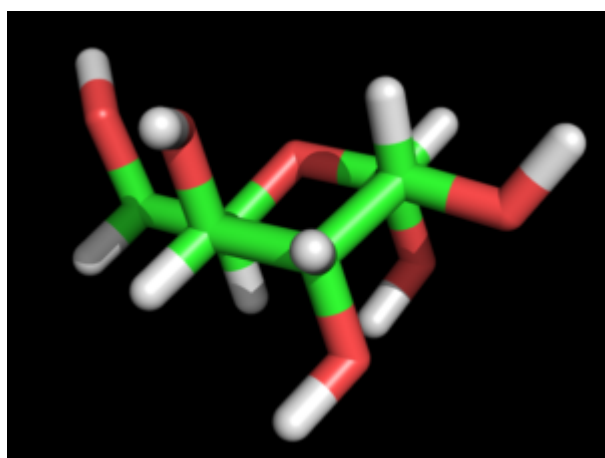
62a. α -D-Gulopyranose

Image not found or type unknown

?-D-Gulopyranose

62b. α -D-Gulopyranose

Image not found or type unknown

 β -D-Gulopyranose

PDB

 β -D-Gulopyranose

63a. α -L-Gulofuranose

Image not found or type unknown

a-L-Gulofuranose**67b. β -L-Gulofuranose**

Image not found or type unknown

?-L-Gulofuranose**63c. α -L-Gulofuranose**

Image not found or type unknown

a-L-Gulofuranose



a-L-Gulofuranose

64a. $\hat{\pm}$ -L-Gulopyranose

Image not found or type unknown

?-L-Gulopyranose

64b. $\hat{\pm}$ -L-Gulopyranose

Image not found or type unknown

?-L-Gulopyranose

64c. α -L-Gulopyranose

Image not found or type unknown



?-L-Gulopyranose

65a. β -D-Gulofuranose

Image not found or type unknown

?-D-Gulofuranose

65b. β -D-Gulofuranose

Image not found or type unknown

β -D-Gulofuranose

65c. β -D-Gulofuranose

Image not found or type unknown



β -D-Gulofuranose

66a. $\hat{1}^2$ -D-Gulopyranose

Image not found or type unknown

?-D-Gulopyranose

66b. $\hat{1}^2$ -D-Gulopyranose

Image not found or type unknown

?-D-Gulopyranose

66c. $\hat{1}^2$ -D-Gulopyranose

Image not found or type unknown

?-D-Gulopyranose



?-D-Gulopyranose

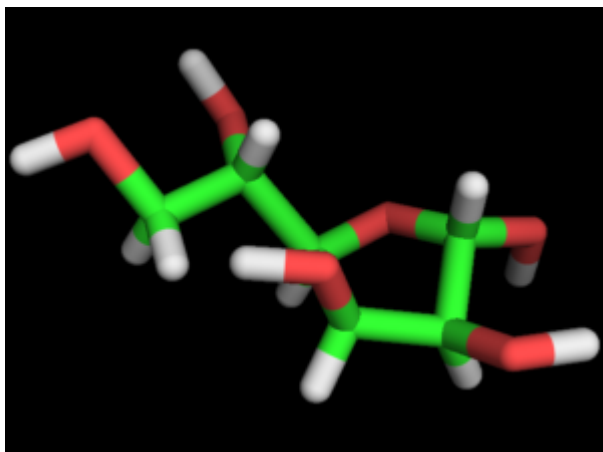
67a. β -L-Gulofuranose

Image not found or type unknown

?-L-Gulofuranose

67b. β -L-Gulofuranose

?-L-Gulofuranose



PDB

?-L-Gulofuranose

[68a.Î²-L-Gulopyranose](#)

Image not found or type unknown

?-L-Gulopyranose

68b. β -L-Gulopyranose

Image not found or type unknown

?-L-Gulopyranose

68c. β -L-Gulopyranose

Image not found or type unknown



?-L-Gulopyranose

ALLOSE

gets its name from Greek : “**allo**” : different/strange



?-D-Allofuranose

11b. $\hat{\pm}$ -D-Allofuranose

Image not found or type unknown

?-D-Allofuranose

11c. $\hat{\pm}$ -D-Allofuranose

Image not found or type unknown

?-D-Allofuranose

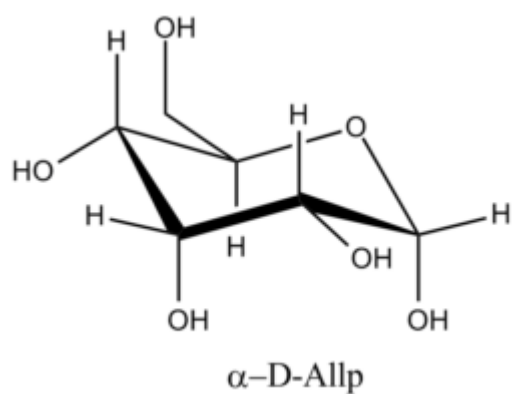
PDB

?-D-Allofuranose

12a. $\hat{\pm}$ -D-Allopyranose

Image not found or type unknown

?-D-Allopyranose



?-D-Allopyranose

12c.a-D-Allopyranose

Image not found or type unknown



?-D-Allopyranose

13a. $\hat{\pm}$ -L-Allofuranose

Image not found or type unknown

?-L-Allofuranose

17b. β -L-Allofuranose

Image not found or type unknown

?-L-Allofuranose

15c. β -D-Allofuranose

Image not found or type unknown



?-D-Allopyranose

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

Image not found or type unknown

?-L-Allopyranose

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

Image not found or type unknown

?-L-Allopyranose

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

Image not found or type unknown

?-L-Allopyranose



?-D-Allopyranose

15a. β -D-Allofuranose

Image not found or type unknown

?-D-Allofuranose

15b. β -D-Allofuranose

Image not found or type unknown

?-D-Allofuranose

15c. β -D-Allofuranose



?-D-Allofuranose

16a. β -D-Allopyranose

Image not found or type unknown

?-D-Allopyranose

16b. β -D-Allopyranose

Image not found or type unknown

β -D-Allopyranose

16d. β -D-Allopyranose

Image not found or type unknown



β -D-Allopyranose

17a. β -L-Allofuranose

Image not found or type unknown

?-L-Allofuranose

17b. β -L-Allofuranose

?-L-Allofuranose

17c. β -L-Allofuranose

Image not found or type unknown

?-L-Allofuranose



?-L-Allofuranose

19a. β -L-Allopyranose

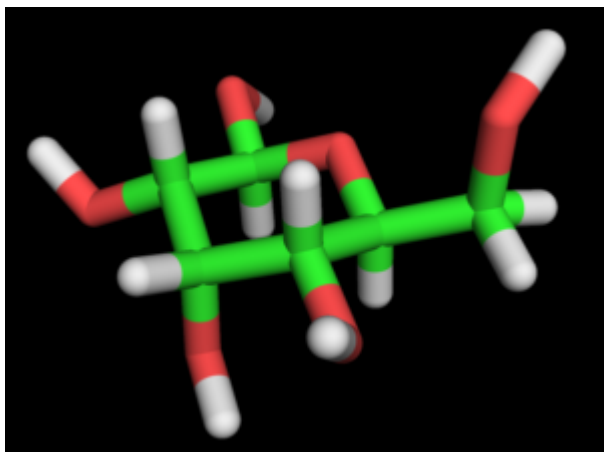
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?-L-Allopyranose

19b. β -L-Allopyranose

Image not found or type unknown

?-L-Allopyranose



PDB

?-L-Allopyranose

ALTROSE

gets its name from Latin "**idem**" : same

[71a. ±-D-Altrofuranose](#)

Image not found or type unknown

?-D-Altrofuranose

71b. $\hat{\pm}$ -D-Altrofuranose

Image not found or type unknown

?-D-Altrofuranose

71c $\hat{\pm}$ -D-Altrofuranose

Image not found or type unknown



?-D-Altrofuranose

72a. $\hat{\pm}$ -D-Altropyranose

Image not found or type unknown

?-D-Altropyranose

72b. $\hat{\pm}$ -D-Altropyranose

Image not found or type unknown

?-D-Altropyranose

72c. $\hat{\pm}$ -D-Altropyranose

Image not found or type unknown

?-D-Altropyranose



?-D-Altropyranose

73a. $\hat{\pm}$ -L-Altrofuranose

Image not found or type unknown

?-L-Altrofuranose

73b. $\hat{\pm}$ -L-Altrofuranose

Image not found or type unknown

?-L-Altrofuranose

73c. $\hat{\pm}$ -L-Altrofuranose

Image not found or type unknown



?-L-Altrofuranose

74a. $\hat{\pm}$ -L-Altropyranose

Image not found or type unknown

?-L-Altropyranose

74b. $\hat{\pm}$ -L-Altropyranose

Image not found or type unknown

?-L-Altropyranose

74c. $\hat{\pm}$ -L-Altropyranose

Image not found or type unknown



?-L-Altropyranose

75a. β -D-Altrofuranose

Image not found or type unknown

?-D-Altrofuranose

75b. β -D-Altrofuranose

Image not found or type unknown

?-D-Altrofuranose

75c. β -D-Altrofuranose

Image not found or type unknown

?-D-Altrofuranose

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

?-D-Altrofuranose



?-D-Altropyranose

76b. $\hat{1}^2$ -D-Altropyranose

Image not found or type unknown

?-D-Altropyranose

76c. β -D-Altropyranose

Image not found or type unknown



?-D-Altropyranose

77a. β -L-Altrofuranose

Image not found or type unknown

?-L-Altrofuranose

77b. β -L-Altrofuranose

Image not found or type unknown

?-L-Altrofuranose

77c. β -L-Altrofuranose

Image not found or type unknown



?-L-Altrofuranose

78a. $\hat{1}^2$ -L-Altropyranose

Image not found or type unknown

?-L-Altropyranose

78b. $\hat{1}^2$ -L-Altropyranose

Image not found or type unknown

?-L-Altropyranose

78c. $\hat{1}^2$ -L-Altropyranose

Image not found or type unknown

?-L-Altropyranose



?-L-Altropyranose

TALOSE

*gets its name from “**Talos**” who in Greek mythology was a giant who protected Europe in Crete*

[81a. \$\hat{\pm}\$ -D-Talofuranose](#)

Image not found or type unknown

?-D-Talofuranose

[81b. \$\hat{\pm}\$ -D-Talofuranose](#)

Image not found or type unknown

?-D-Talofuranose

81c. $\hat{\pm}$ -D-Talofuranose

Image not found or type unknown



?-D-Talofuranose

82a. $\hat{\pm}$ -D-Talopyranose

Image not found or type unknown

?-D-Talopyranose

82b. α -D-Talopyranose

Image not found or type unknown

β -D-Talopyranose

82c. α -D-Talopyranose

Image not found or type unknown



β -D-Talopyranose

83a. $\hat{\pm}$ -L-Talofuranose

Image not found or type unknown

?-L-Talofuranose

83b. $\hat{\pm}$ -L-Talofuranose

Image not found or type unknown

?-L-Talofuranose

83c. $\hat{\pm}$ -L-Talofuranose

Image not found or type unknown

?-L-Talofuranose



?-L-Talofuranose

84a. $\hat{\pm}$ -L-Talopyranose

Image not found or type unknown

?-L-Talopyranose

84b. $\hat{\pm}$ -L-Talopyranose

Image not found or type unknown

?-L-Talopyranose

84c. β -L-Talopyranose

Image not found or type unknown



?-L-Talopyranose

85a. β -D-Talofuranose

Image not found or type unknown

?-D-Talofuranose

85b. β -D-Talofuranose

Image not found or type unknown

β -D-Talofuranose

85c. β -D-Talofuranose

Image not found or type unknown



β -D-Talofuranose



?-D-Talopyranose

86b. $\hat{1}^2$ -D-Talopyranose

Image not found or type unknown

?-D-Talopyranose

86c. $\hat{1}^2$ -D-Talopyranose

Image not found or type unknown

?-D-Talopyranose



?-D-Talopyranose

87a. β -L-Talofuranose

Image not found or type unknown

?-L-Talofuranose

87b. β -L-Talofuranose

Image not found or type unknown

?-L-Talofuranose

87c. β -L-Talofuranose

Image not found or type unknown



?-L-Talofuranose

88a. β -L-Talopyranose

Image not found or type unknown

88a. β -L-Talopyranose

88b. β -L-Talopyranose

Image not found or type unknown

?-L-Talopyranose

88c. β -L-Talopyranose

Image not found or type unknown



?-L-Talopyranose

Category

1. News