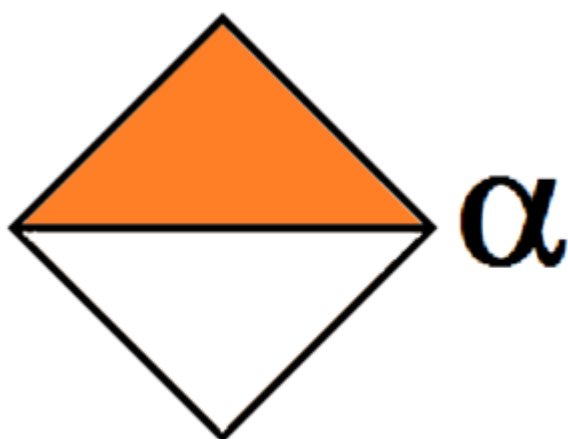


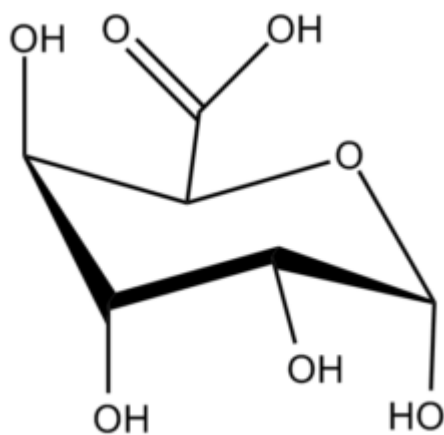
Guluronic α -1,3-MurNAc

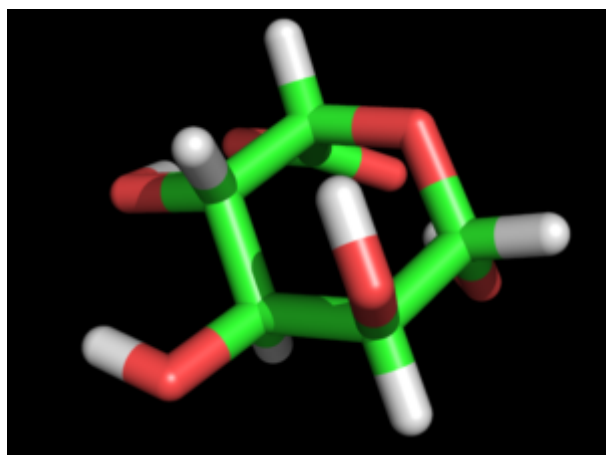
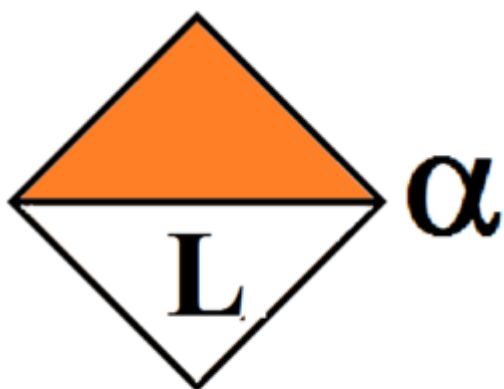
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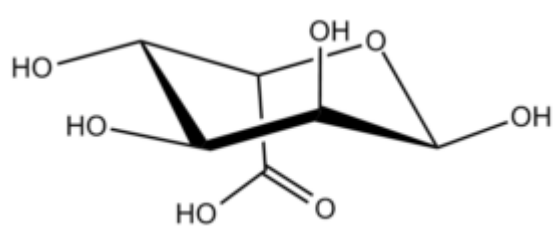
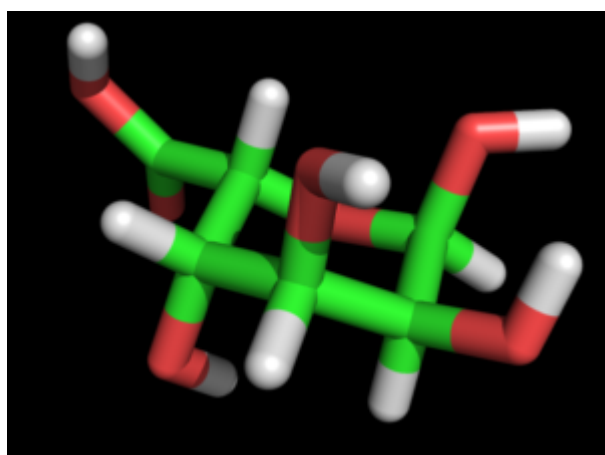
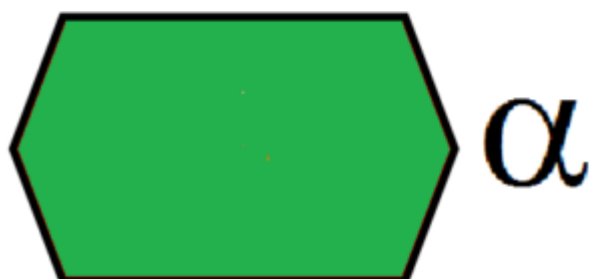
Gulopyranuronic β -D



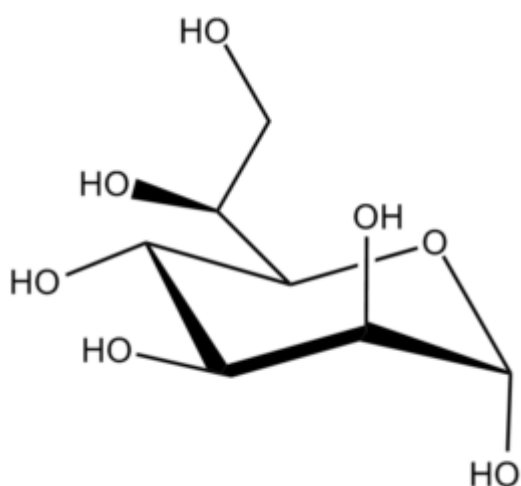
Gulopyranuronic β -D



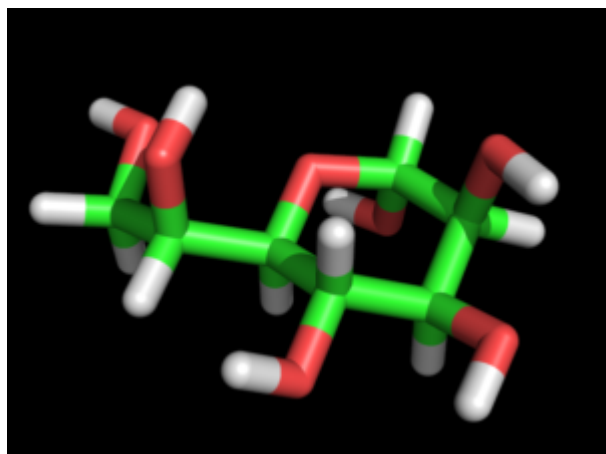
Gulopyranuronic α -DGulopyranuronic α -DGulopyranuronic α -D**Gulopyranuronic α -L**

Gulopyranuronic $\hat{\pm}$ -LGulopyranuronic $\hat{\pm}$ -LGulopyranuronic $\hat{\pm}$ -LGulopyranuronic $\hat{\pm}$ -L**D-Heptose $\hat{\pm}$ -D**

D-Heptose 1±-D



D-Heptose 1±-D

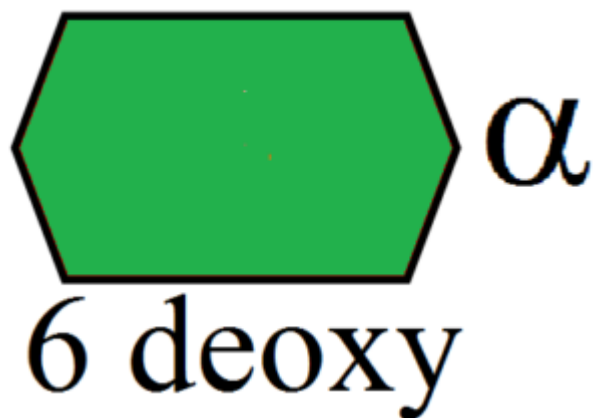


D-Heptose 1±-D

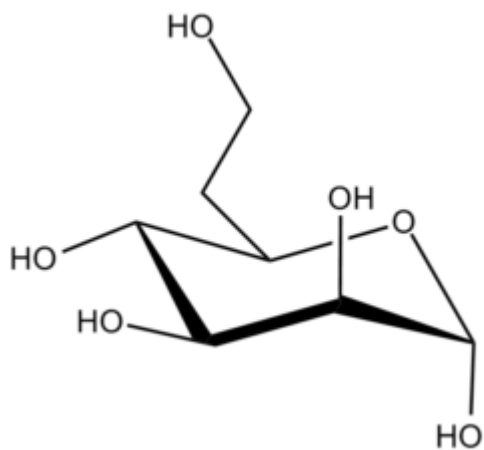


D-Heptose 1±-D

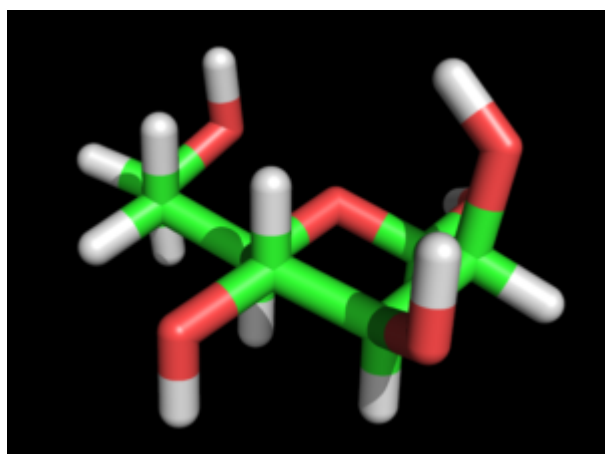
Heptose 6 deoxy



Heptose 6 deoxy



Heptose 6 deoxy

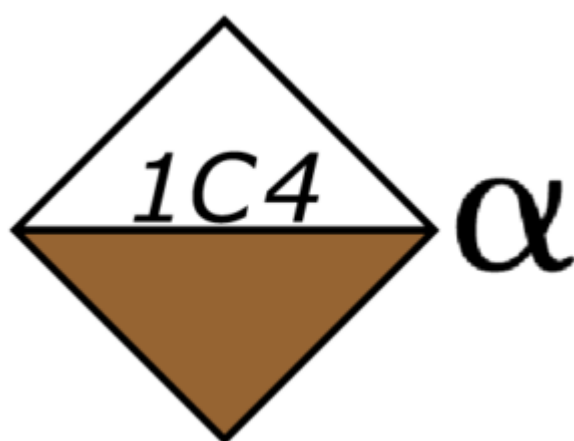


Heptose 6 deoxy

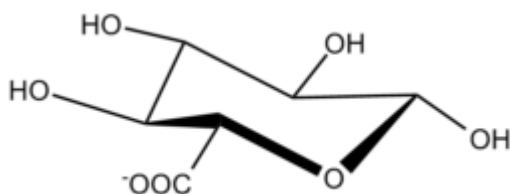
PDB

Heptose 6 deoxy

Idopyranuronic α -L (1C4 conf.)



20a. Idopyranuronic α -L (1C4 conf.)



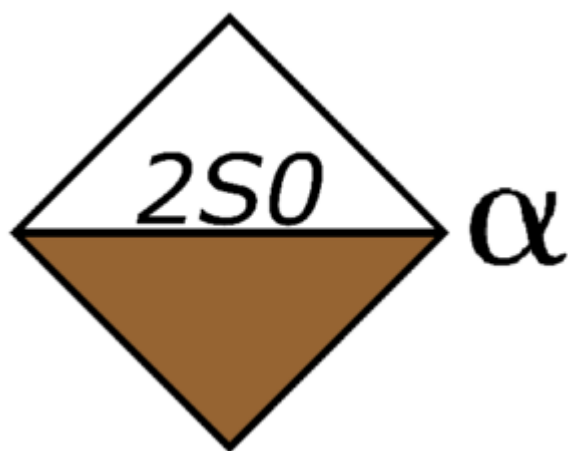
20b. Idopyranuronic α -L (1C4 conf.)



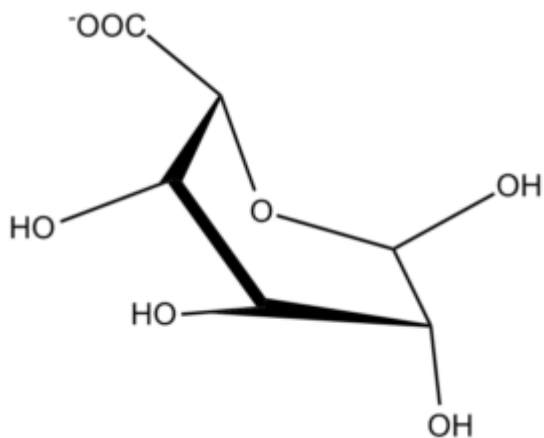
Idopyranuronic $\hat{1}\pm$ -L (1C4 conf.)

Idopyranuronic $\hat{1}\pm$ -L (4C1 conf.)

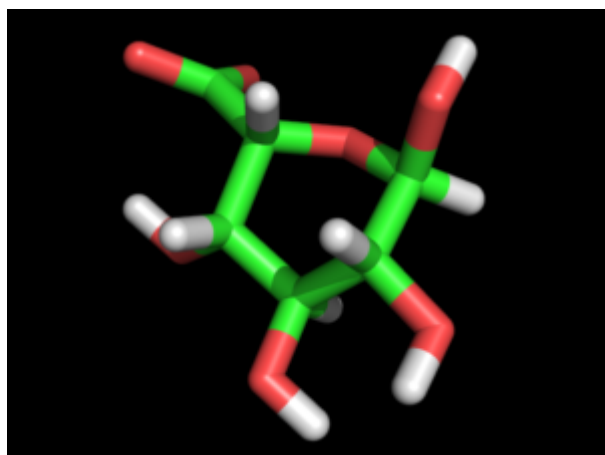
Idopyranuronic $\hat{1}\pm$ -L (2S0 Conf.)



Idopyranuronic $\hat{1}\pm$ -L (2S0 Conf.)



Idopyranuronic $\hat{1}\pm$ -L (2S0 Conf.)

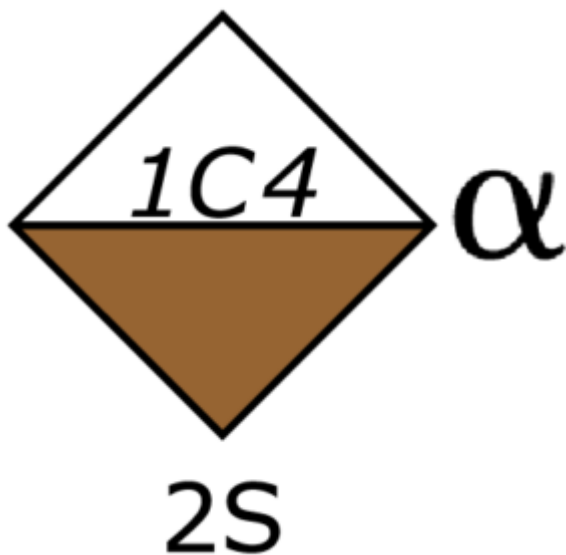


Idopyranuronic $\hat{1}\pm$ -L (2S0 Conf.)

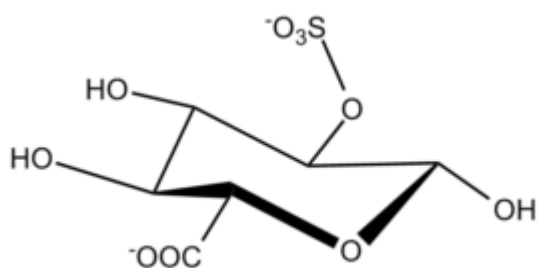


Idopyranuronic $\hat{1}\pm$ -L (2S0 Conf.)

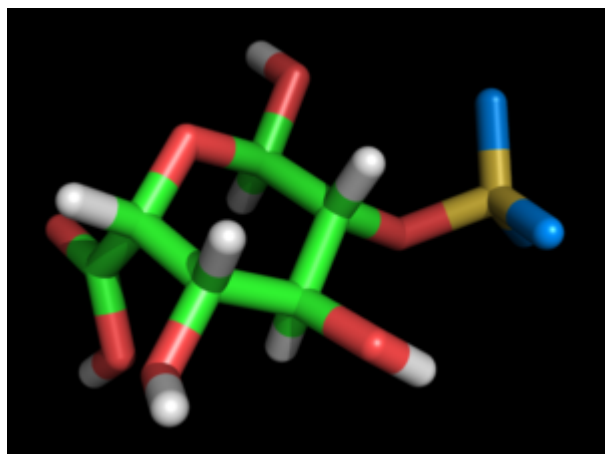
Idopyranuronic $\hat{1}\pm$ -L (1C4 conf.)



Idopyranuronic $\hat{1}\pm$ -L (1C4 conf.)



Idopyranuronic $\hat{1}\pm$ -L (1C4 conf.)

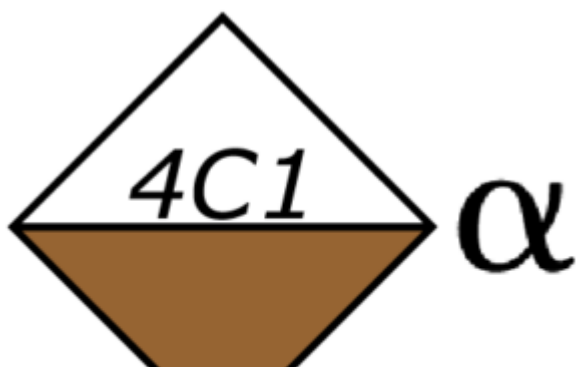


Idopyranuronic $\hat{1}\pm$ -L (1C4 conf.)

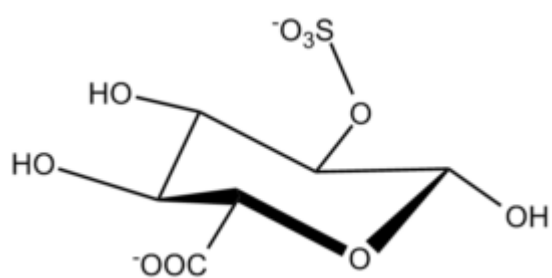


Idopyranuronic $\hat{1}\pm$ -L (1C4 conf.)

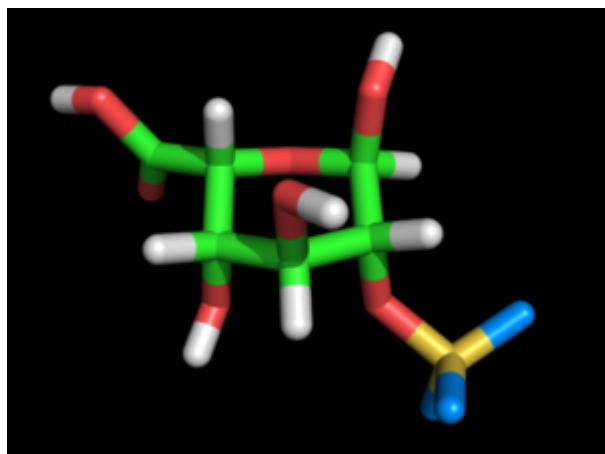
Idopyranuronic 2-S $\hat{1}\pm$ -L (4C1 conf.)



Idopyranuronic 2-S $\hat{1}\pm$ -L (4C1 conf.)



Idopyranuronic 2-S $\hat{1}\pm$ -L (4C1 conf.)

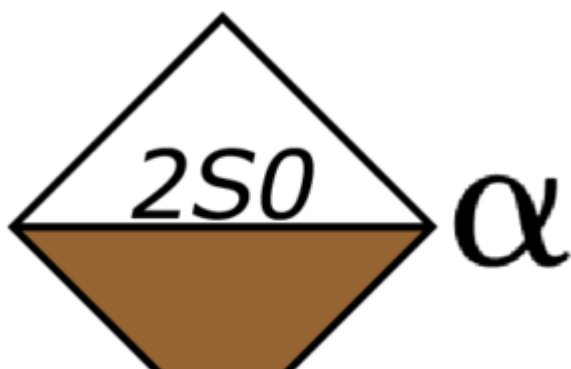


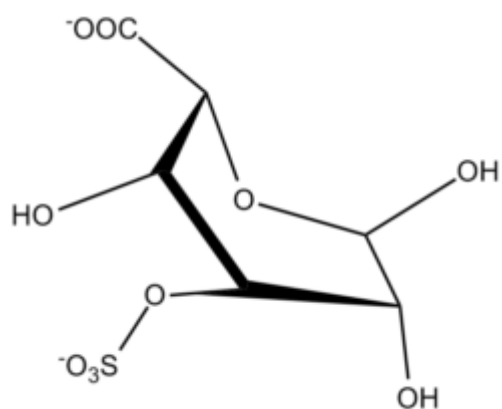
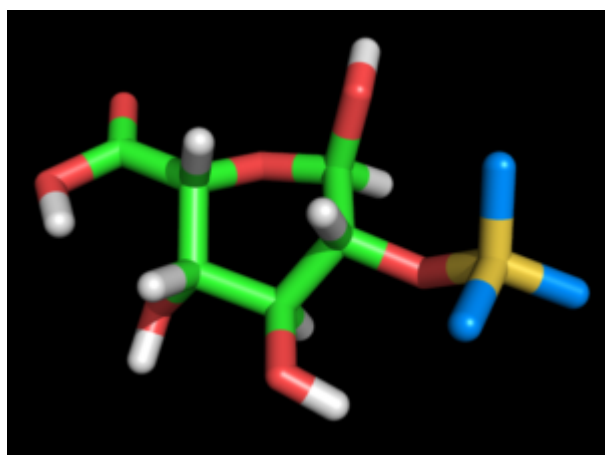
Idopyranuronic 2-S $\hat{1}\pm$ -L (4C1 conf.)

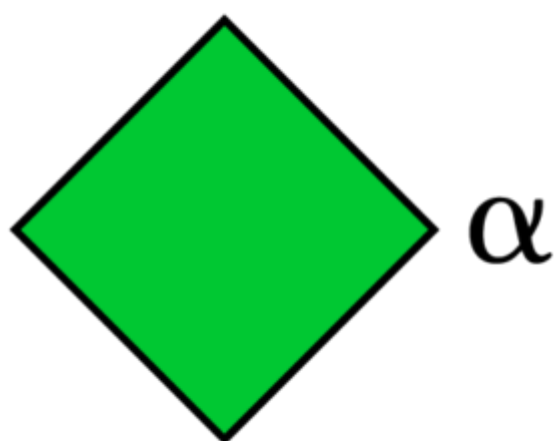


Idopyranuronic 2-S $\hat{1}\pm$ -L (4C1 conf.)

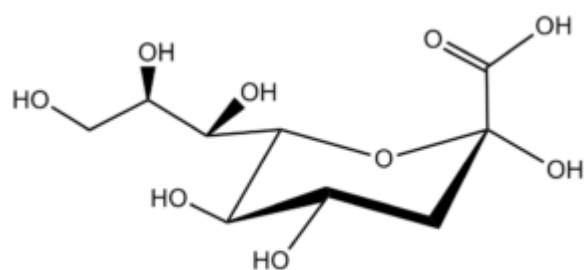
Idopyranuronic 2-S $\hat{1}\pm$ -L (2S0 conf.)



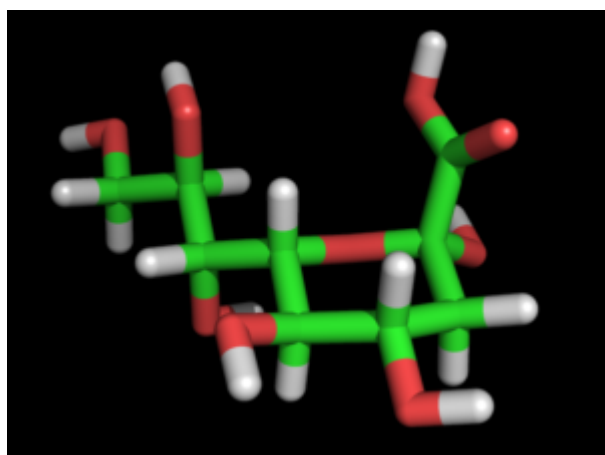
Idopyranuronic 2-S $\hat{I}\pm$ -L (2S0 conf.)Idopyranuronic 2-S $\hat{I}\pm$ -L (2S0 conf.)Idopyranuronic 2-S $\hat{I}\pm$ -L (2S0 conf.)Idopyranuronic 2-S $\hat{I}\pm$ -L (2S0 conf.)**Kdn**



Kdn



Kdn

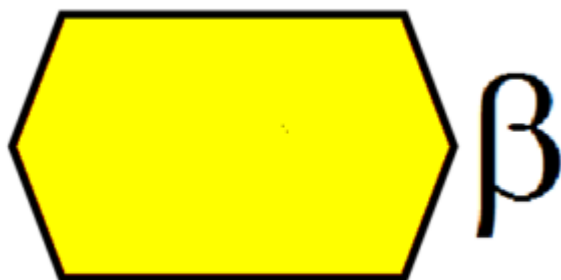


Kdn

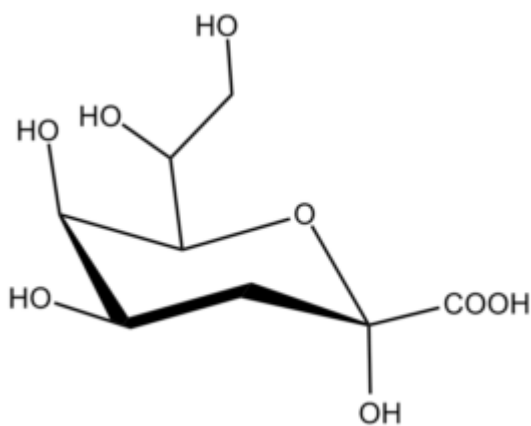
PDB

Kdn

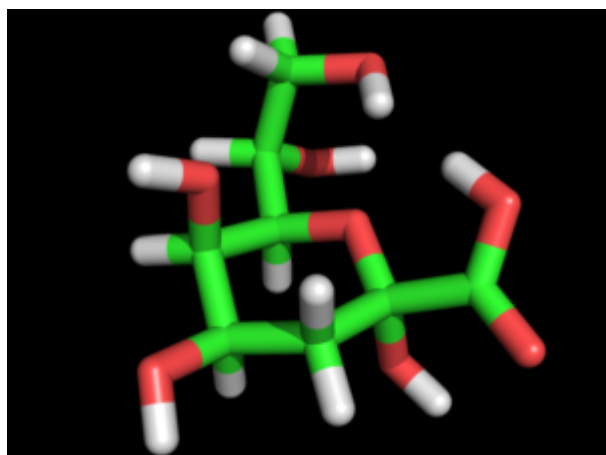
Kdo



Kdo



Kdo

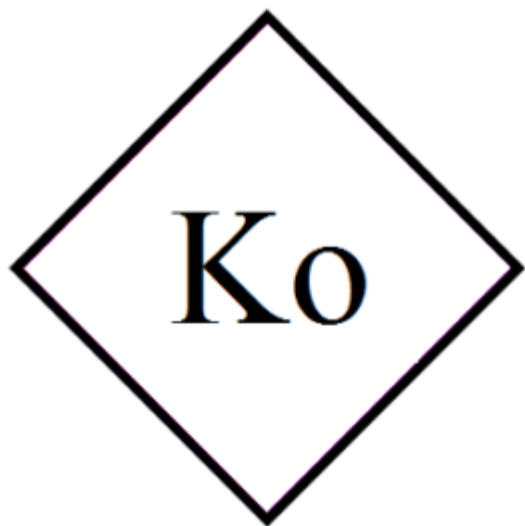


Kdo

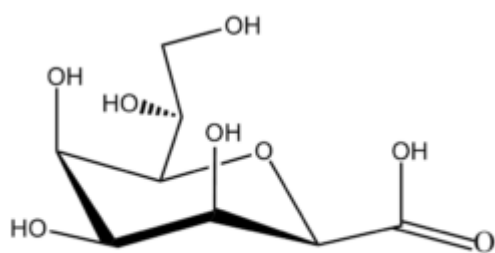


Kdo

Ko : L-glycero-D-Talo-oct-2-ulosonic Acid

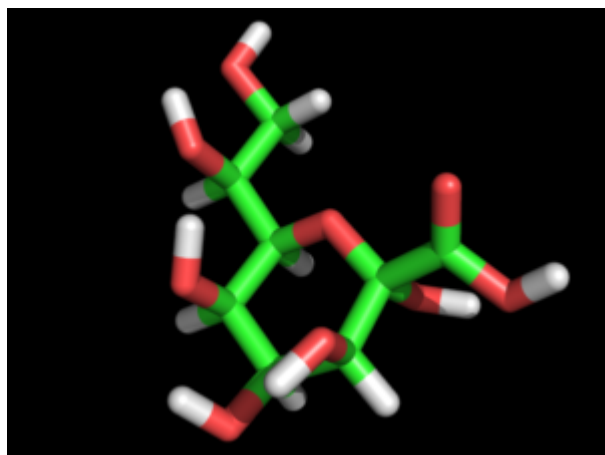


Ko



Ko : L-glycero-D-Talo-oct-2-ulosonic Acid

Ko

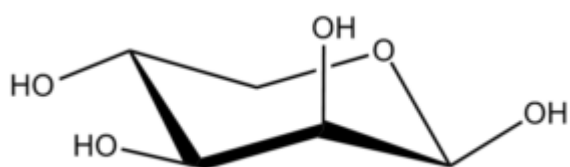
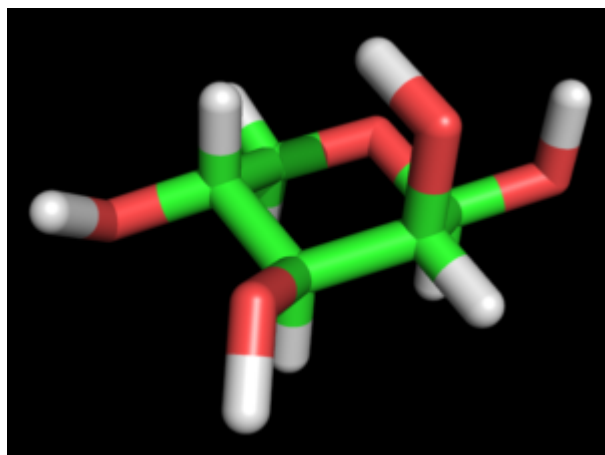


Ko



Ko : L-glycero-D-Talo-oct-2-ulosonic Acid

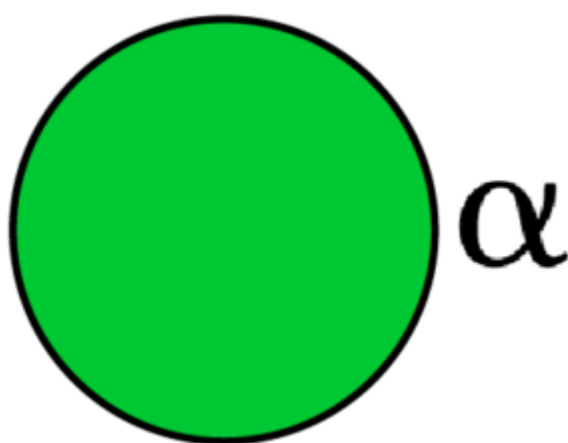
Lyxopyranose $\hat{1}^{\pm}$ -DLyxopyranose $\hat{1}^2$ -D

Lyxopyranose β -DLyxopyranose β -DLyxopyranose β -D

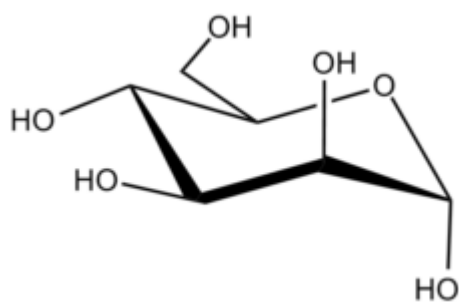
PDB

Lyxopyranose β -D

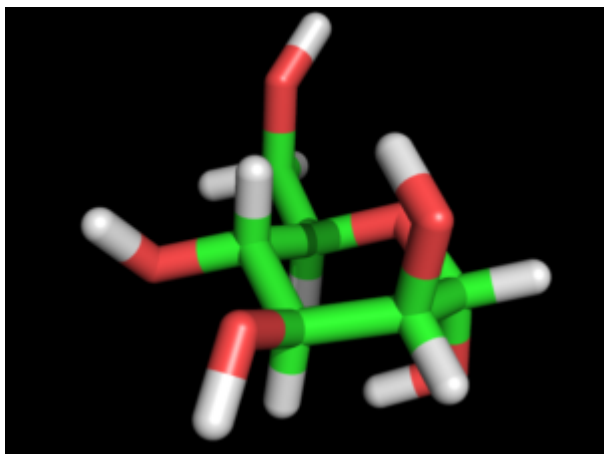
Mannopyranose β -D



Mannopyranose β -D



Mannopyranose β -D

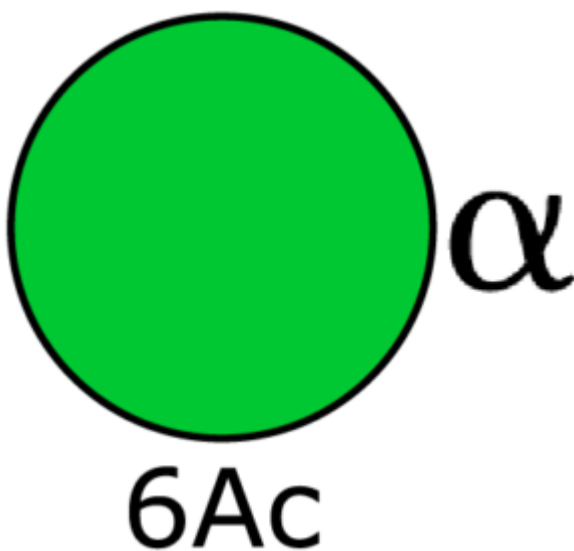


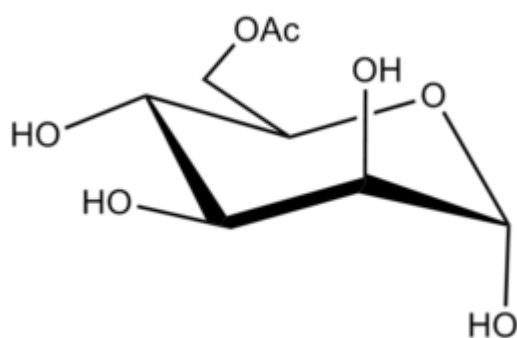
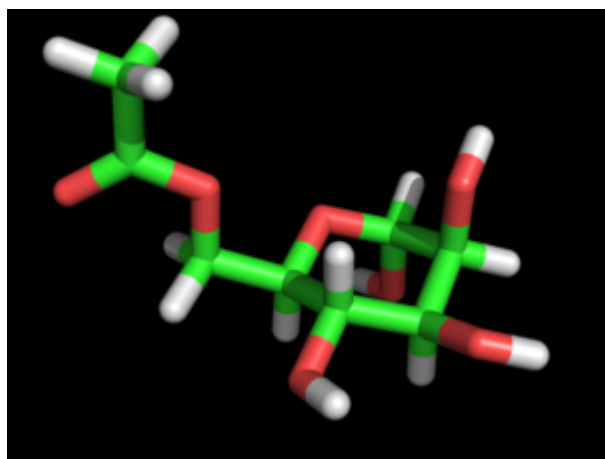
Mannopyranose $\hat{\pm}$ -D

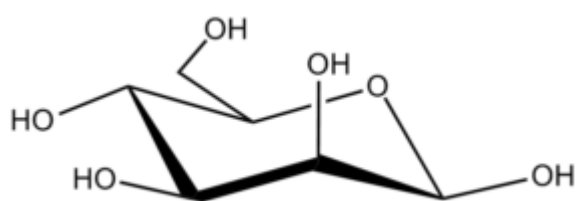
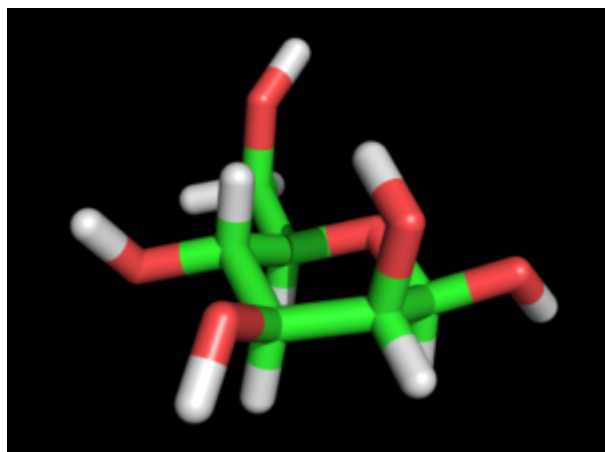


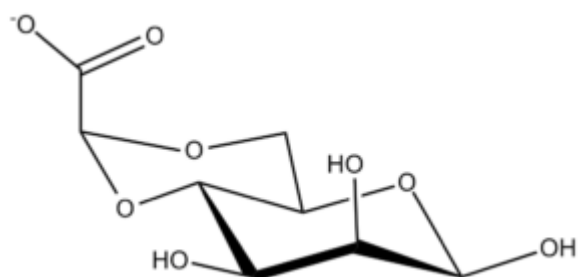
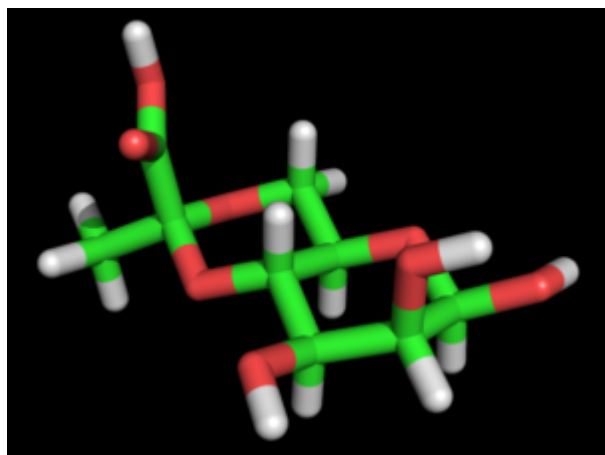
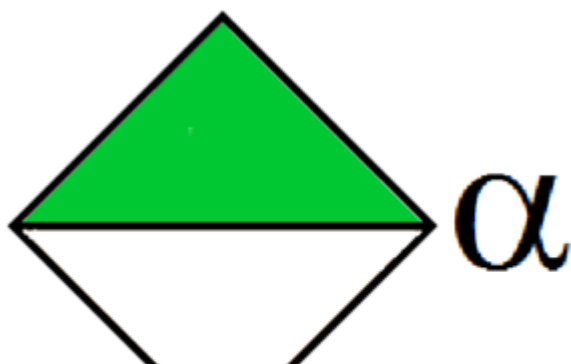
Mannopyranose $\hat{\pm}$ -D

Mannopyranose 6OAc $\hat{\pm}$ -D

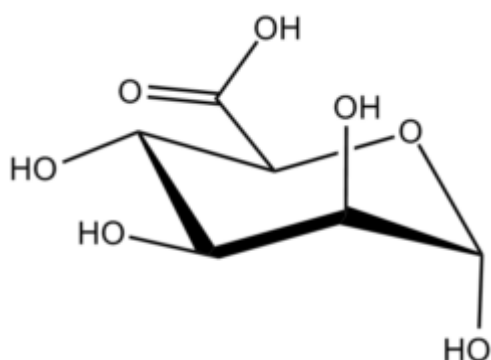


Mannopyranose 6OAc $\hat{1}\pm$ -DMannopyranose 6OAc $\hat{1}\pm$ -DMannopyranose 6OAc $\hat{1}\pm$ -DMannopyranose 6OAc $\hat{1}\pm$ -D**Mannopyranose $\hat{1}^2$ -D**

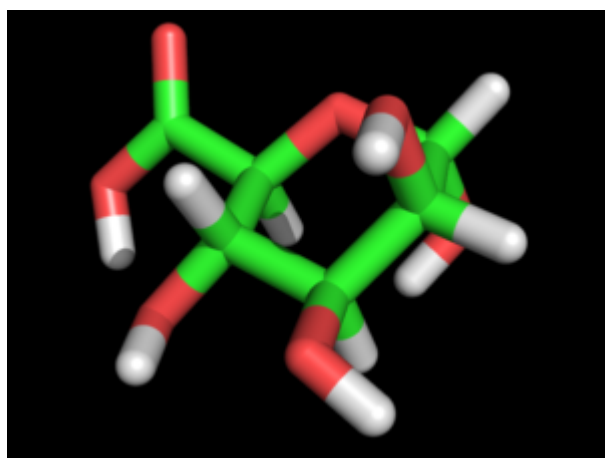
Mannopyranose β -DMannopyranose β -DMannopyranose β -DMannopyranose β -D**Manp Pyr β -D**

Manp Pyr β -DManp Pyr β -DManp Pyr β -DManp Pyr β -DMannopyranuronic α -D

Mannopyranuronic ̂±-D



Mannopyranuronic ̂±-D

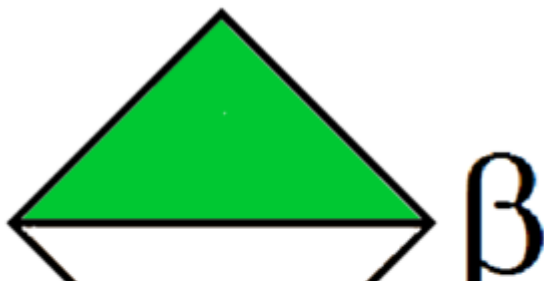


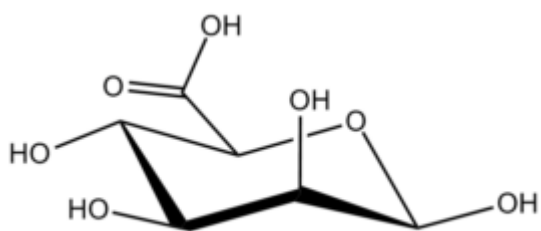
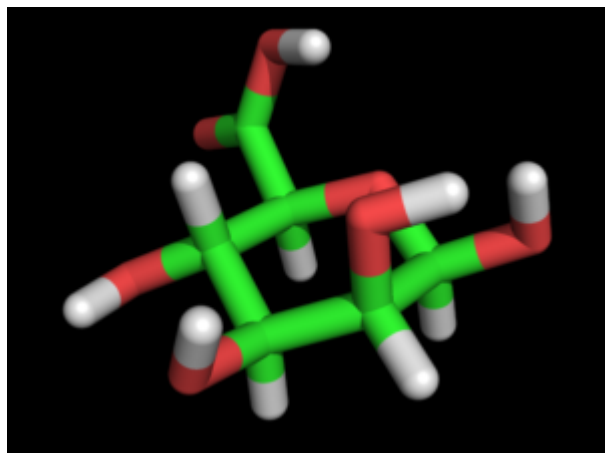
Mannopyranuronic ̂±-D

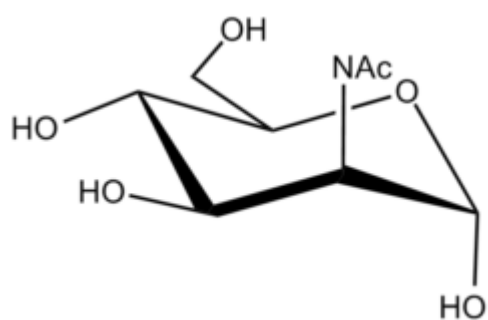
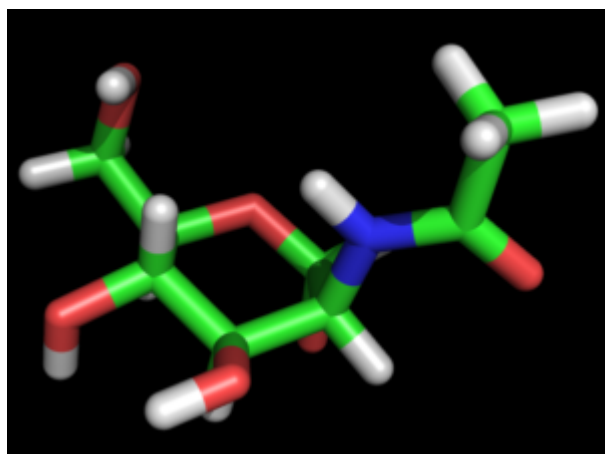


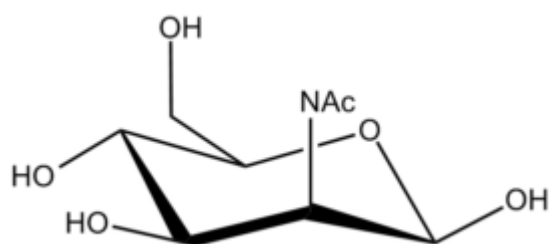
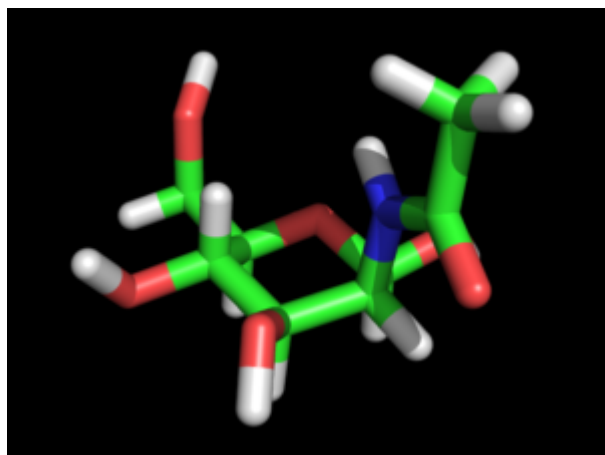
Mannopyranuronic ̂±-D

Mannopyranuronic ̂²-D

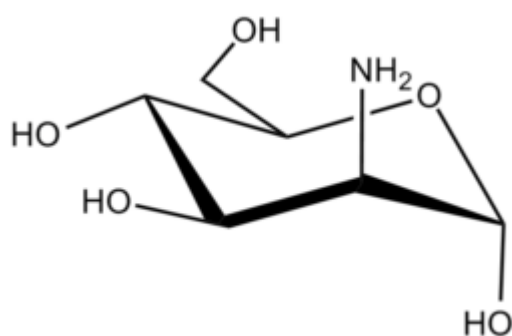


Mannopyranuronic β -DMannopyranuronic β -DMannopyranuronic β -DMannopyranuronic β -D**N-Acetyl Mannosamine β -D**

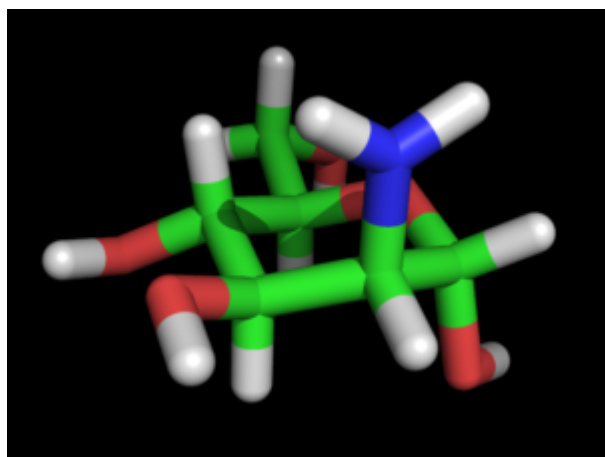
N-Acetyl Mannosamine β -DN-Acetyl Mannosamine β -DN-Acetyl Mannosamine β -DN-Acetyl Mannosamine β -D**N-Acetyl Mannosamine β -D**

N-Acetyl Mannosamine β -DN-Acetyl Mannosamine β -DN-Acetyl Mannosamine β -DN-Acetyl Mannosamine β -D**Mannosamine α -D**

Mannosamine Î±-D



Mannosamine Î±-D



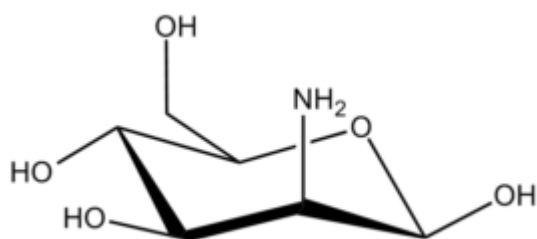
Mannosamine Î±-D



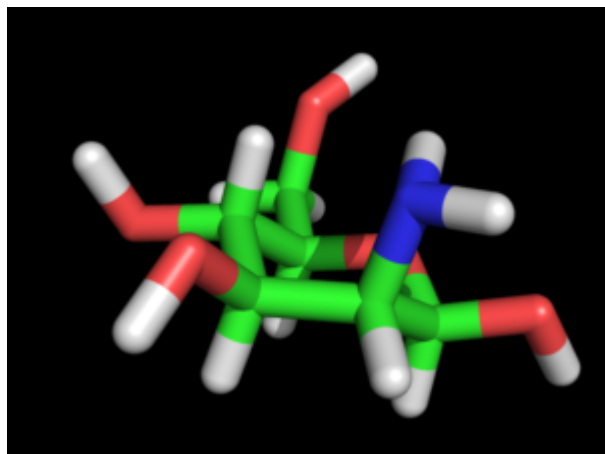
Mannosamine Î±-D

Mannosamine Î²-D

Mannosamine Î²-D



Mannosamine Î²-D



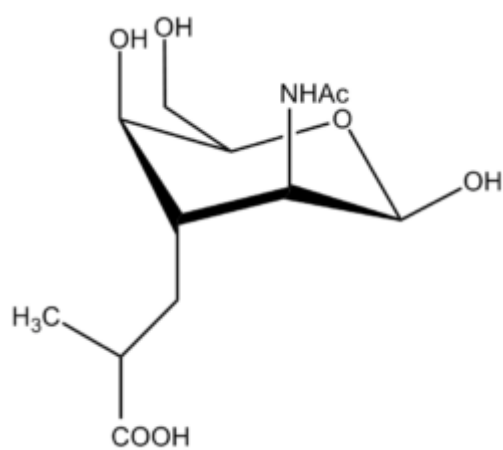
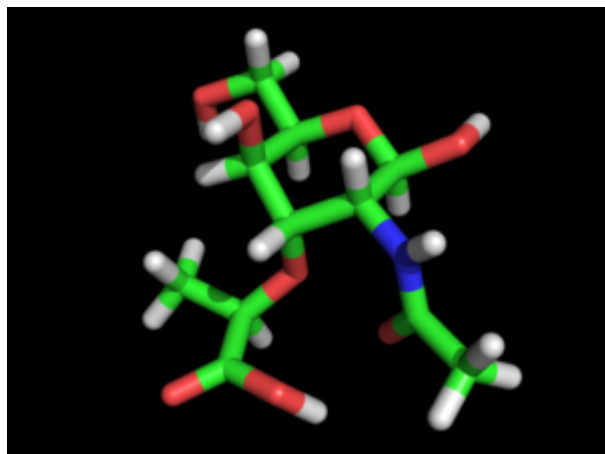
Mannosamine Î²-D



Mannosamine Î²-D

MurNAc Î²-D



MurNAc β -DMurNAc β -DMurNAc β -DMurNAc β -D**Category**

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