

TODAY IN CHEMISTRY HISTORY

19TH MARCH – SIR NORMAN HAWORTH'S BIRTHDAY



SIR NORMAN HAWORTH

BORN

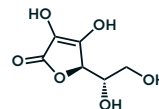
19 March 1883

DIED

19 March 1950

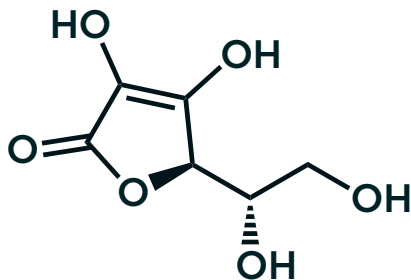


1937



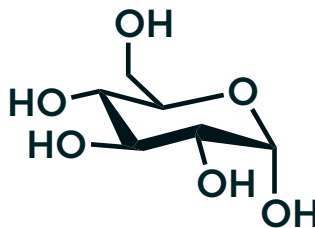
Haworth was a British chemist who won a Nobel Prize in 1937 for his work on carbohydrates and vitamin C. He also developed a way of drawing 3D sugar structures that bears his name.

VITAMIN C

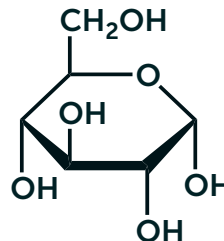


Haworth discovered the molecular structure of vitamin C, and also created its first artificial synthesis. He also deduced the structures of a number of different sugars.

HAWORTH PROJECTIONS



GLUCOSE



HAWORTH PROJECTION

Haworth projections are used to depict the cyclic forms of sugars. They are useful because they clearly show which groups are above and below the ring.



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