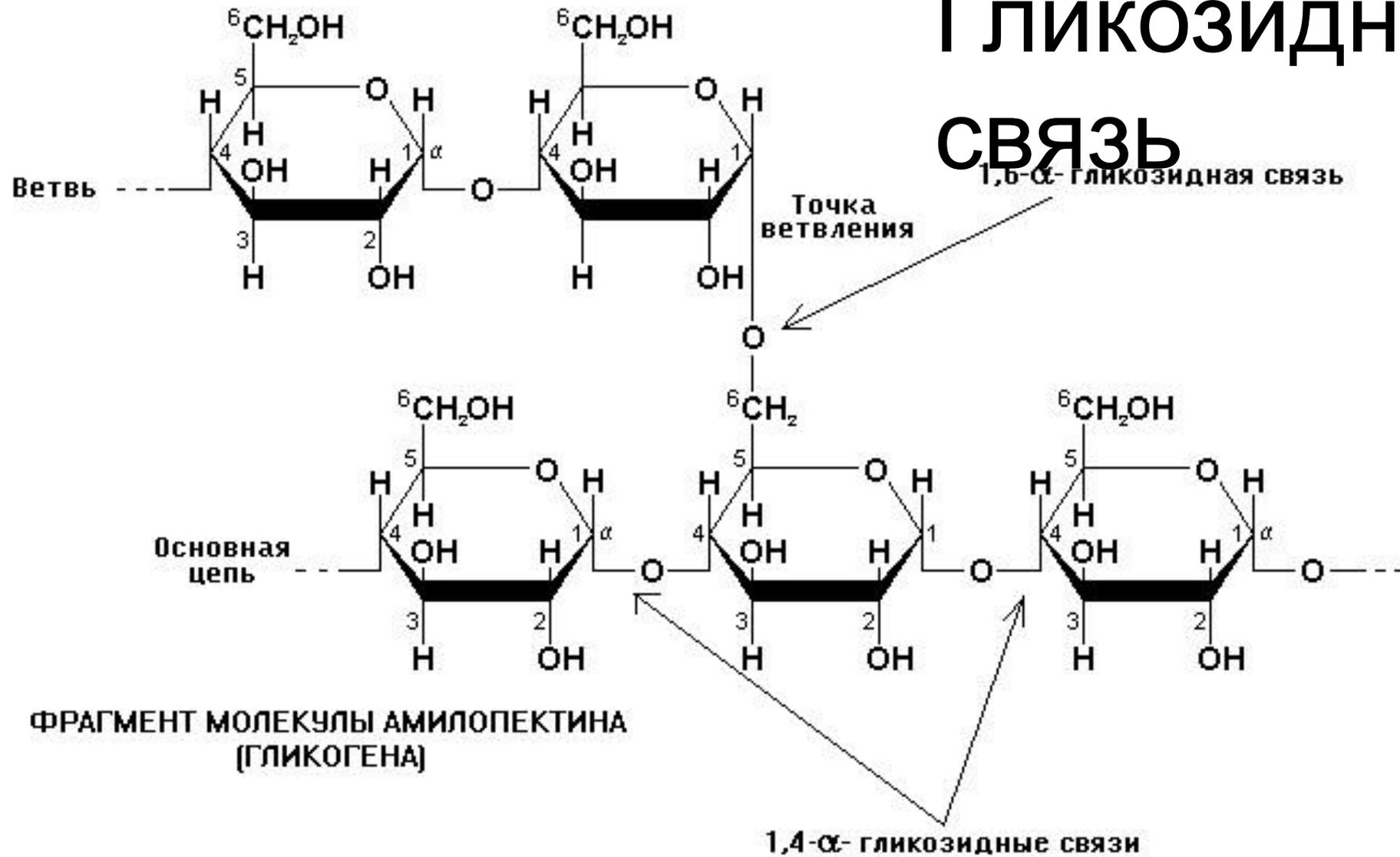


Конформация гликозидной связи, углеводного цикла и 5'-СН₂ОН группы

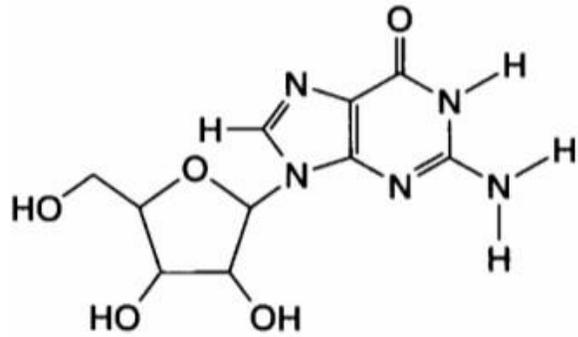
Мороз Татьяна 01-603

Гликозидная связь

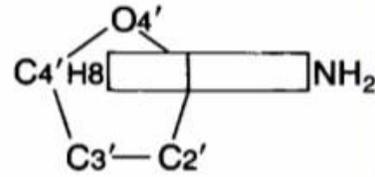


Конформация гликозидной СВЯЗИ

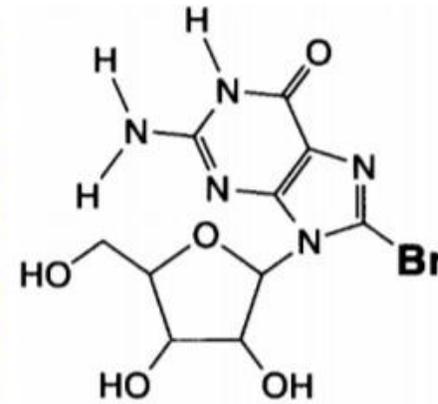
Анти-



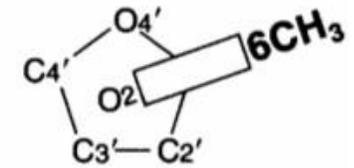
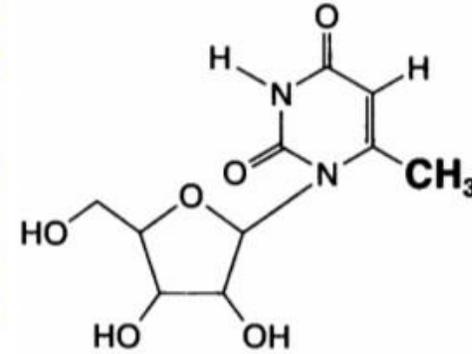
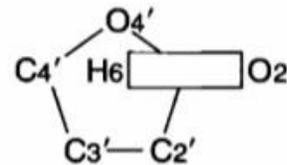
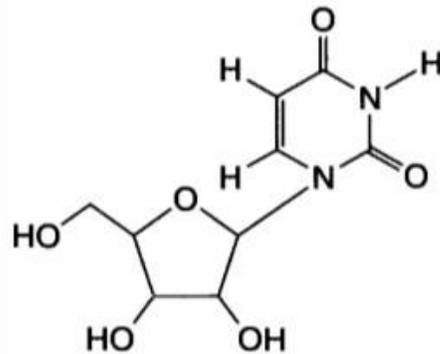
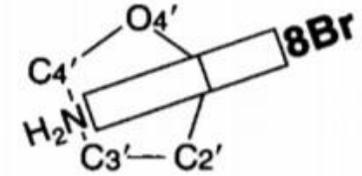
anti Guanosine



Син-

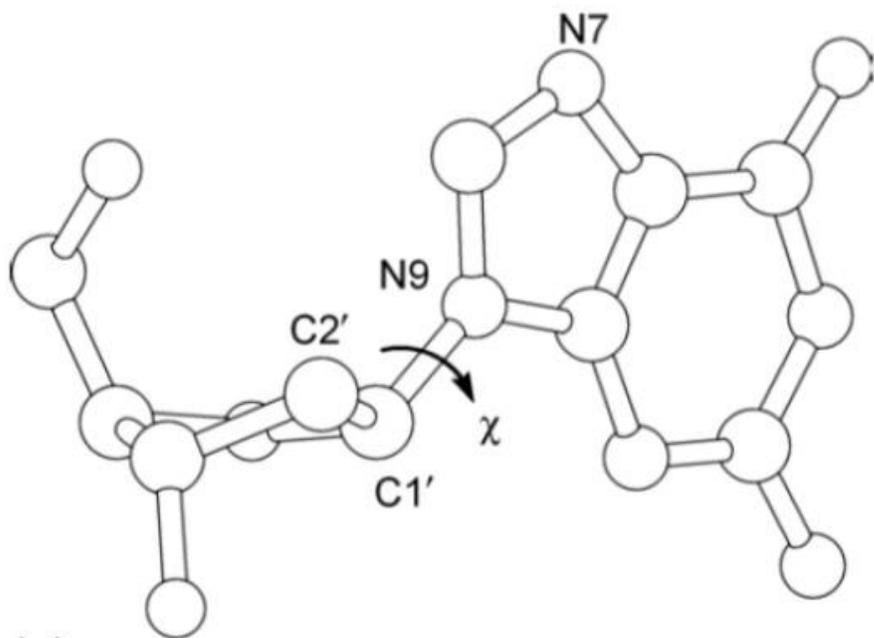


syn 8-Bromoguanosine

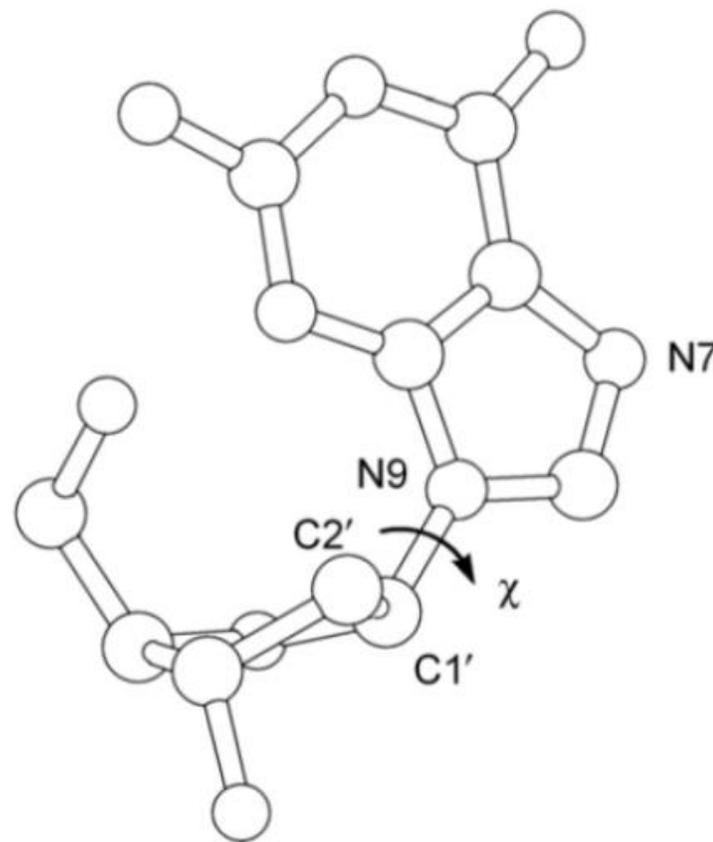


Конформация гликозидной СВЯЗИ

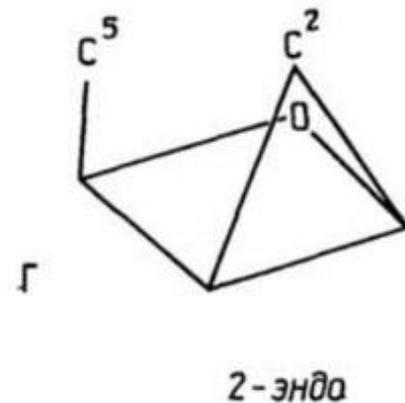
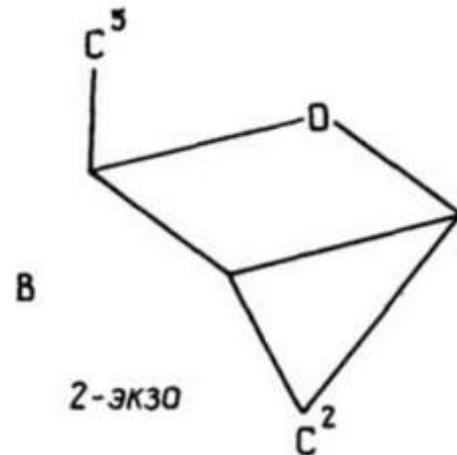
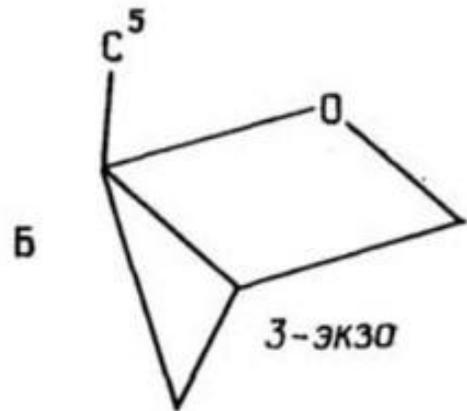
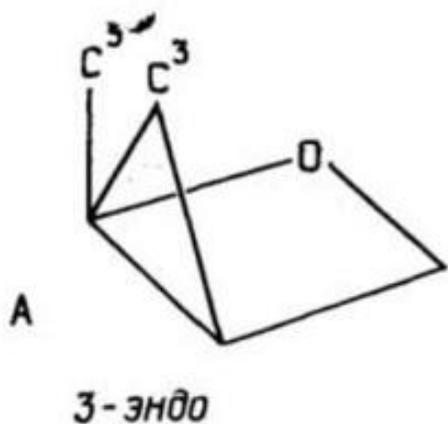
Анти-



Син-



Конформация углеводного цикла



Тип
«конверт»

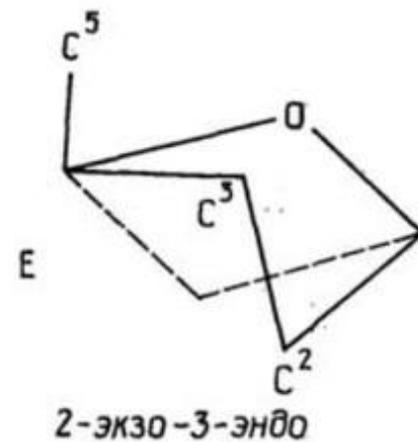
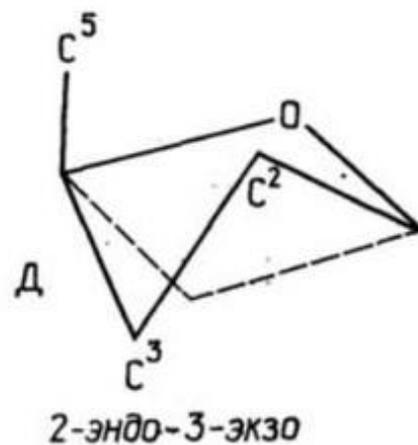
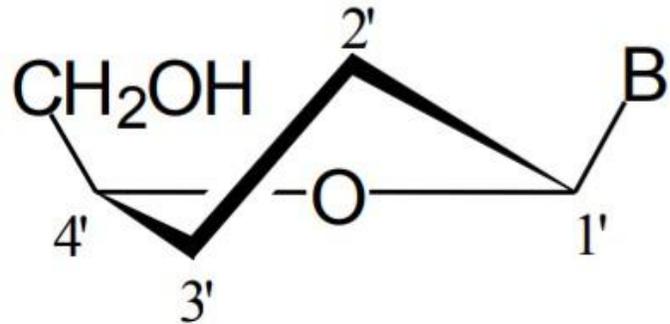


Рис. II.46. Разновидность конформации "конверт" (А-Г) и "скрученная" (Д, Е)

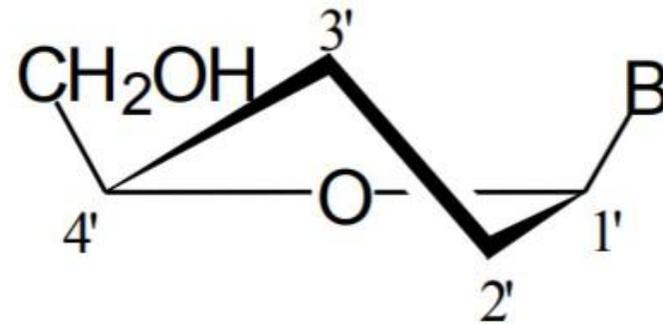
с различным расположением атомов C^2 и C^3 относительно атома C^5 (рис. II.46)

Конформация углеводного цикла

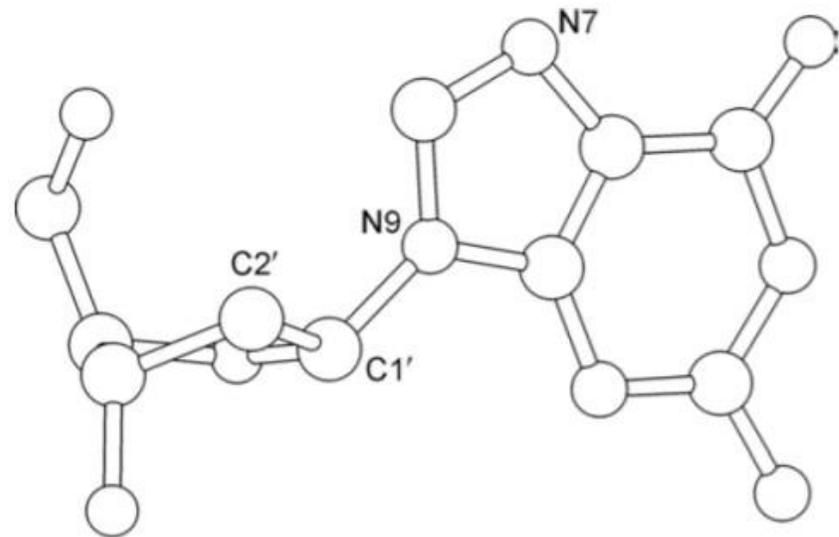
Пятый атом



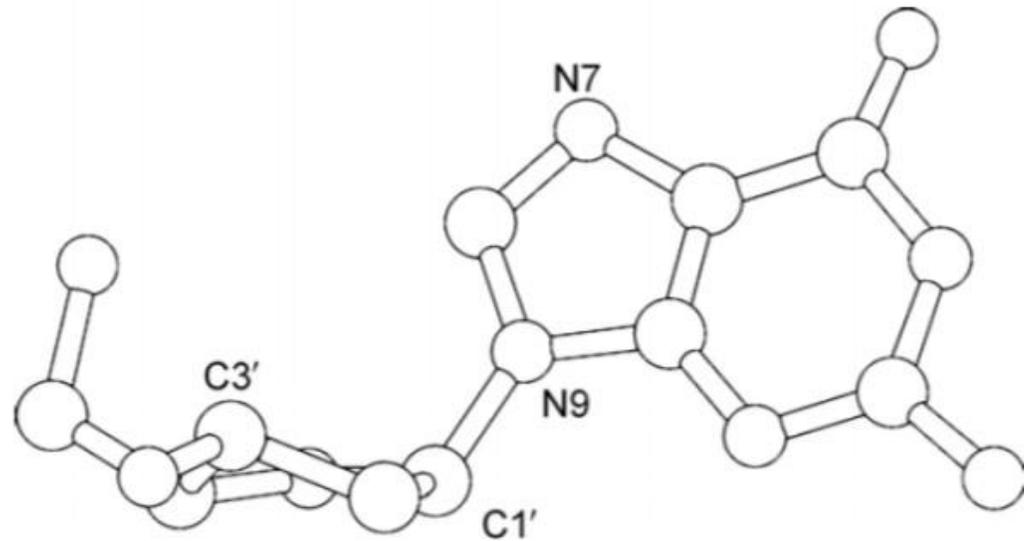
C2'-эндо-конформация
(C2'-эндо, C3'-экзо-конформация)

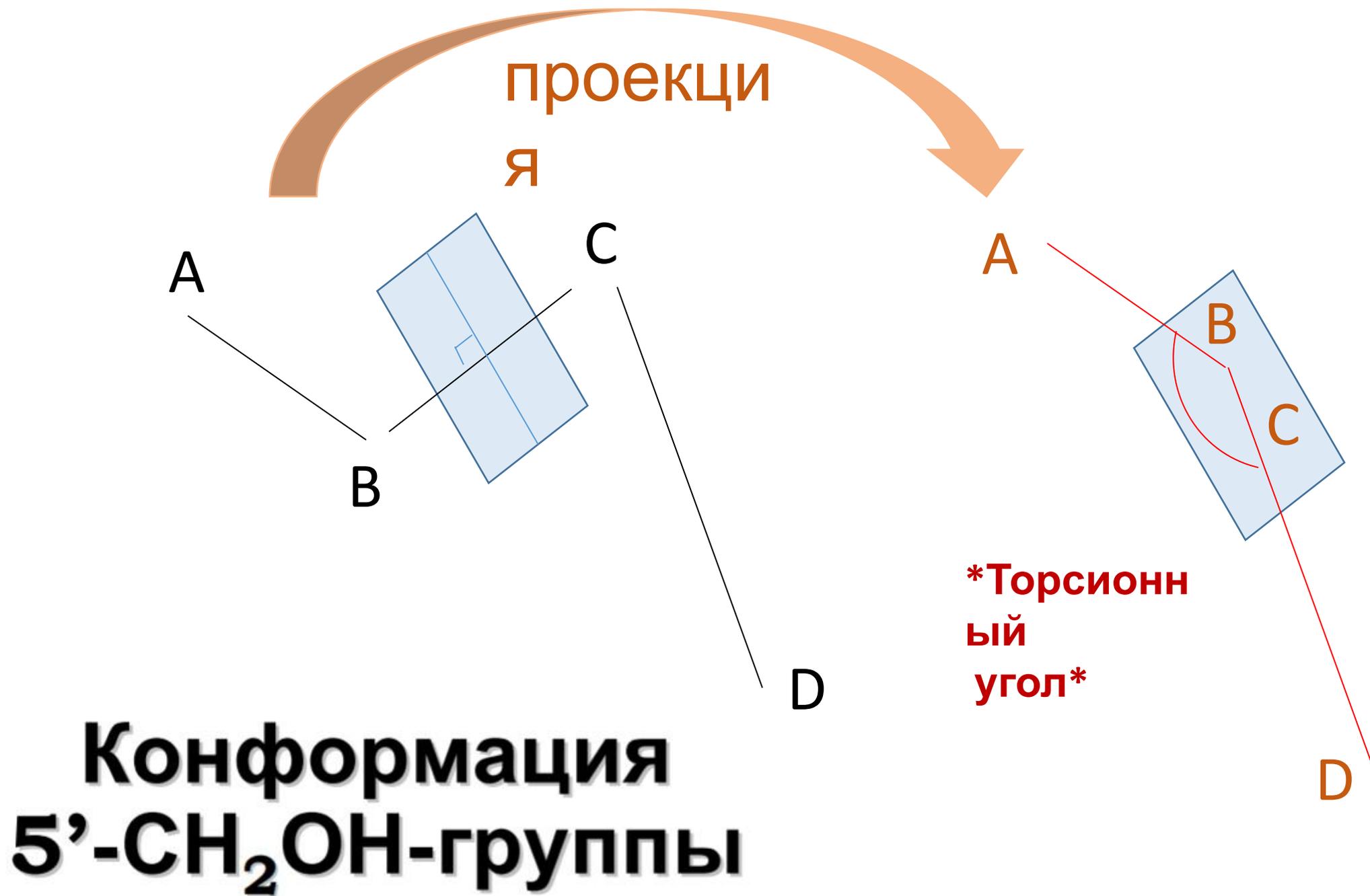


C3'-эндо-конформация
(C3'-эндо, C2'-экзо-конформация)

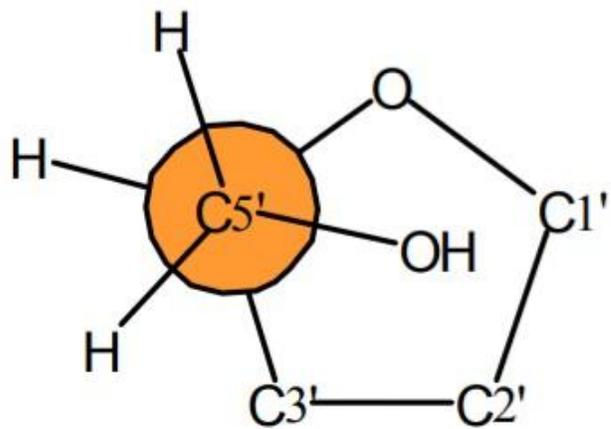


IE

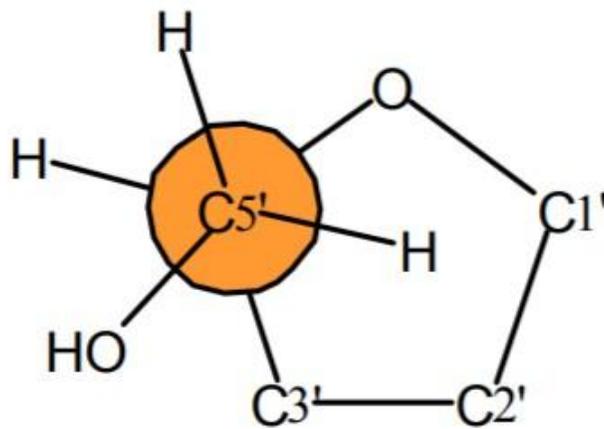




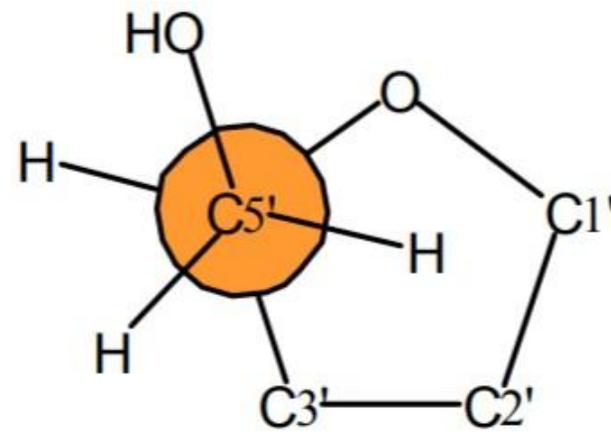
Конформация 5'-CH₂ОН-группы



gosh⁺-конформация



транс-конформация



gosh⁻-конформация