

[Open Peer Review on Qeios](#)

G-Quartets

National Cancer Institute

Source

National Cancer Institute. *G-Quartets*. NCI Thesaurus. Code C13725.

G-quadruplexes are multi-stranded structures held together by square planes of four guanines ('G-quartets') interacting by forming Hoogsteen hydrogen bonds. G-quartet structures has been developed as novel anti-HIV agents. Several critical structure-activity relationships between HIV-1 integrase and G-quartet oligonucleotides have been demonstrated.