

[Open Peer Review on Qeios](#)

O6-Alkylguanine-DNA Alkyltransferase Inhibitor

National Cancer Institute

Source

National Cancer Institute. *O6-Alkylguanine-DNA Alkyltransferase Inhibitor*. NCI Thesaurus. Code C2134.

Any substance that inhibits O6-Alkylguanine-DNA alkyltransferase, a DNA repair enzyme that catalyzes the removal of alkyl groups from DNA. Inhibition of O6-Alkylguanine-DNA alkyltransferase increases the effectiveness of DNA alkylating agents.