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# SGLT2 Inhibitor

National Cancer Institute

## Source

National Cancer Institute. *SGLT2 Inhibitor*. NCI Thesaurus. Code C98083.

Any inhibitor of the sodium-glucose co-transporter subtype 2 (SGLT2) with antihyperglycemic activity. By binding to and blocking SGLT2, these inhibitors suppress reabsorption of glucose in the proximal tubule within the kidneys and thereby enhancing urinary excretion of glucose. This eventually normalizes blood glucose levels. SGLT2, a transport system exclusively expressed in the proximal renal tubules, mediates about 90% of renal glucose reabsorption from tubular fluid.