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# Anti-androgen siRNA SXL01

National Cancer Institute

## Source

National Cancer Institute. *Anti-androgen siRNA SXL01*. NCI Thesaurus. Code C131496.

A small-interfering RNA (siRNA) directed against androgen receptor (AR), with potential antineoplastic activity. Upon administration of anti-AR siRNA SXL01, the siRNAs bind to AR mRNAs, which may result in the inhibition of translation of the AR protein. By preventing AR expression, AR-mediated signaling is decreased, which leads to growth inhibition for AR-expressing tumor cells. AR, overexpressed in a variety of cancers, is involved in cellular proliferation and survival.