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Enzalutamide

National Cancer Institute

Source

National Cancer Institute. *Enzalutamide*. NCI Thesaurus. Code C71744.

An orally bioavailable, organic, non-steroidal small molecule targeting the androgen receptor (AR) with potential antineoplastic activity. Through a mechanism that is reported to be different from other approved AR antagonists, enzalutamide inhibits the activity of prostate cancer cell ARs, which may result in a reduction in prostate cancer cell proliferation and, correspondingly, a reduction in the serum prostate specific antigen (PSA) level. AR over-expression in prostate cancer represents a key mechanism associated with prostate cancer hormone resistance.