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# Irosustat

National Cancer Institute

## Source

National Cancer Institute. *Irosustat*. NCI Thesaurus. Code C79827.

Steroid sulfatase inhibitor BN 83495 selectively binds to and inhibits steroid sulfatase (STS), which may inhibit the production of locally active estrogens and so inhibit estrogen-dependent cell growth in tumor cells, such as those of the breast, ovary, and endometrium. STS is a cytoplasmic enzyme responsible for the conversion of circulating inactive estrone sulfate and estradiol sulfate to biologically active unconjugated estrone and estradiol, respectively.