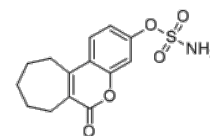


Product Name : Irosustat
Cat. No. : PC-61431
CAS No. : 288628-05-7
Molecular Formula : C₁₄H₁₅NO₅S
Molecular Weight : 309.336
Target : Steroid Sulfatase (STS)
Solubility :



Biological Activity

Irosustat (STX-64, BN-83495, Oristusane, 667-coumate) is an orally active, highly potent, irreversible, nonsteroidal inhibitor of **steroid sulfatase (STS)** with IC₅₀ of 8 nM; inhibits the production of locally active estrogens and so inhibit estrogen-dependent cell growth in tumor cells; inhibits estrone sulfate-stimulated growth of uteri in ovariectomized rats.

References

- Purohit A, et al. *Cancer Res.* 2000 Jul 1;60(13):3394-6.
Woo LL, et al. *Chem Biol.* 2000 Oct;7(10):773-91.
Stanway SJ, et al. *Clin Cancer Res.* 2006 Mar 1;12(5):1585-92.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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