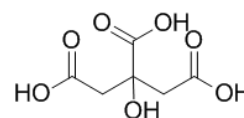
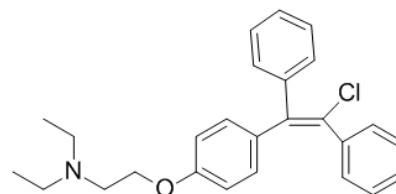


Product Name : Clomiphene citrate
Cat. No. : PC-46618
CAS No. : 50-41-9
Molecular Formula : C₃₂H₃₆ClNO₈
Molecular Weight : 598.0831
Target : Estrogen Receptor/ERR
Solubility : 10 mM in DMSO



Biological Activity

Clomiphene citrate (Clomifene citrate) is a non-steroidal, estrogen-receptor modulator that inhibits **estrogen receptor** in the hypothalamus.

Clomiphene citrate shows antibacterial activity by inhibiting undecaprenyl diphosphate synthase, an enzyme that catalyzes the synthesis of a polyisoprenoid essential for both peptidoglycan and wall teichoic acid (WTA) synthesis.

References

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Amita M, et al. Mol Cell Endocrinol. 2016 Jun 15;428:142-7.

Elloumi-Mseddi J, et al. J Recept Signal Transduct Res. 2015 Apr;35(2):202-6.

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

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