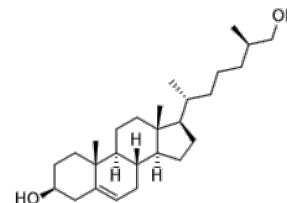


Product Name : 27-hydroxycholesterol
Cat. No. : PC-22707
CAS No. : 20380-11-4
Molecular Formula : C₂₇H₄₆O₂
Molecular Weight : 402.66
Target : Estrogen Receptor/ERR
Solubility : 10 mM in DMSO



Biological Activity

27-Hydroxycholesterol (27-OHC, 27HC) is a selective estrogen receptor (ER) modulator and an agonist of the liver X receptor (LXR), regulates both gene transcription and cell proliferation in cellular models of breast cancer.

References

Ye H, et al. Sci Adv. 2024 Jul 12;10(28):eadi4746.

DuSell CD, et al. Mol Endocrinol. 2008 Jan;22(1):65-77.

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

E-mail: tech@probechem.com