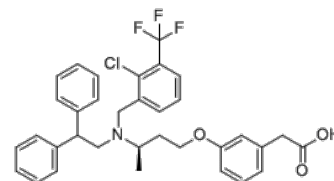


Product Name : Abequolixron
Cat. No. : PC-38644
CAS No. : 610318-54-2
Molecular Formula : C₃₄H₃₃ClF₃NO₃
Molecular Weight : 596.087
Target : Liver X Receptor (LXR)
Solubility : 10 mM in DMSO



Biological Activity

RGX-104 (Abequolixron) is a small-molecule **liver X receptor (LXR)** agonist that modulates innate immunity via transcriptional activation of the apolipoprotein E (ApoE) gene, enhances anti-tumor immune responses and inhibits proliferation of tumor cells.

RGX-104 (Abequolixron) activates the innate immune system, resulting in depletion of immunosuppressive myeloid-derived suppressor cells (MDSCs), tumor cells and endothelial cells in the tumor microenvironment.

RGX-104 (Abequolixron) selectively targets and binds to LXRbeta (NR1H2), thereby activating LXRbeta-mediated signaling, leading to the transcription of certain tumor suppressor genes and the downregulation of certain tumor promoter genes.

References

Liang H, et al. *Biochem Biophys Res Commun*. 2020 Jul 23;528(2):330-335.

Emerson Lim, et al. *Cancer Res* (2020) 80 (16_Supplement): CT146.

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

E-mail: tech@probechem.com