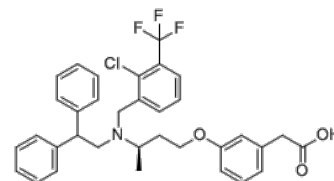


Product Name : Abequolixron
Cat. No. : PC-38644
CAS No. : 610318-54-2
Molecular Formula : C₃₄H₃₃ClF₃NO₃
Molecular Weight : 596.087
Target : Liver X Receptor (LXR)
Solubility : 10 mM in DMSO



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!

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