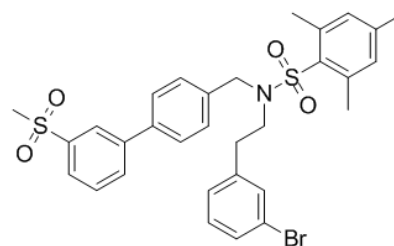


Product Name : SR9243
Cat. No. : PC-45108
CAS No. : 1613028-81-1
Molecular Formula : C₃₁H₃₂BrNO₄S₂
Molecular Weight : 626.6241
Target : Liver X Receptor (LXR)
Solubility : 10 mM in DMSO



Biological Activity

SR9243 is a potent **LXR inverse agonist** that inhibits LXR activation by enhancing LXR-corepressor recruitment. SR9243 potently reduces cancer cell viability in MTT reduction assays in prostate and lung cancer cells (IC₅₀=15-104 nM). SR9243 inhibits the Warburg effect and lipogenesis by reducing glycolytic and lipogenic gene expression.

References

- Griffett K, et al. *ACS Chem Biol*. 2013 Mar 15;8(3):559-67.
Flaveny CA, et al. *Cancer Cell*. 2015 Jul 13;28(1):42-56.

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

E-mail: tech@probechem.com