

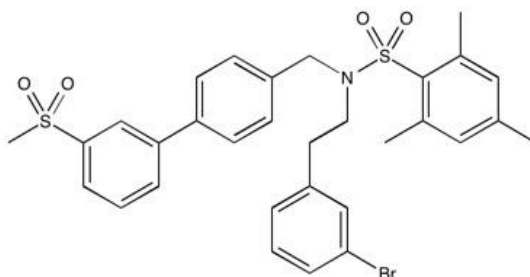
Catalog # 10-4579

SR9243

N-[2-(3-Bromophenyl)ethyl]-2,4,6-trimethyl-N-[[3'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]-benzenesulfonamide

1613028-81-1

Lot # FBA3028



SR9243 is an LXR inverse agonist that significantly inhibits the Warburg effect and lipogenesis by reducing glycolytic and lipogenic gene expression.¹ Induces apoptosis in a variety of cancer cell types including SW620 (IC₅₀ = 40 nM), HT-29 (IC₅₀ = 104 nM), DU-145 (IC₅₀ = 15 nM), PC-3 (IC₅₀ = 61 nM), NCI-H23 (IC₅₀ = 72 nM), HOP-62 (IC₅₀ = 26 nM) and MIAPACA-2 (IC₅₀ = 18 nM). SR9243 is able to promote apoptotic cancer cell death without adversely affecting non-malignant cells.

- 1) Flaveny *et al.* (2015), *Broad anti-tumor Activity of a Small Molecule that Selectively Targets the Warburg Effect and Lipogenesis*; *Cancer Cell*, **28** 42

PHYSICAL DATA

Molecular Weight: 626.62
Molecular Formula: C₃₁H₃₂BrNO₄S₂
Purity: >98% HPLC
NMR: (Conforms)
Solubility: DMSO (>25 mg/ml)
Physical Description: White solid

Storage and Stability: Store as supplied desiccated at -20°C for up to 1 year from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

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