

Catalog	Unit
TBI4579-5MG	5 mg
TBI4579-25MG	25 mg

Product Details

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

Molecular Formula: C₃₁H₃₂BrNO₄S₂

Formula Weight: 626.62

CAS Number: 1613028-81-1

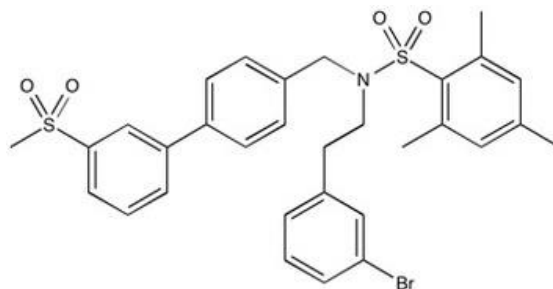
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (greater than 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.



Applications

LXR agonist

Functions

SR9243 is an LXR inverse agonist that significantly inhibits the Warburg effect and lipogenesis by reducing glycolytic and lipogenic gene expression. 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.

Application Procedures

First dissolved in DMSO (greater than 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20° for up to 3 months.

For research use only.