

SR-8278, RevErb a antagonist

Catalog	Unit
TBI1506-5MG	5 mg
TBI1506-25MG	25 mg

Product Details

Formal Name: 1,2,3,4-Tetrahydro-2-[[5-(methylthio)-2-thienyl]carbonyl]-3-isoquinolinecarboxylic acid ethyl ester

Molecular Formula: C₁₈H₁₉NO₃S₂

Formula Weight: 361.49

CAS Number: 1254944-66-5

Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 60 mg/ml) or in Ethanol (up to 35 mg/ml)

Storage: -20°C

Stability: ≥ 1 year.

Applications

RevErb a antagonist

Functions

Antagonist of the nuclear heme receptor, REV-ERB. Blocks the ability of the REV-ERB α agonist, GSK4112, to enhance REV-ERB-dependent repression in a cotransfection assay. Decreases glucagon secretion and intracellular calcium signals in alphaTC1-9 cells and mouse primary alpha cells. Enhances the expression of bone morphogenetic protein genes in rat uterus endometrium stromal cells. Shortens the period of circadian oscillations in mature granulosa cells stimulated with or without LH.

Application Procedures

First dissolved in DMSO (up to 60 mg/ml) or in Ethanol (up to 35 mg/ml), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20°C for up to 1 month.

For research use only.