

Ciglitazone, PPAR γ agonist

Catalog	Unit
TBI1047-5MG	5 mg
TBI1047-25MG	25 mg

Product Details

Formal Name: (\pm)-5-[4-(1-Methylcyclohexylmethoxy)-benzyl]thiazolidine-2,4-dione

Molecular Formula: C₁₈H₂₃NO₃S

Formula Weight: 333.45

CAS Number: 74772-77-3

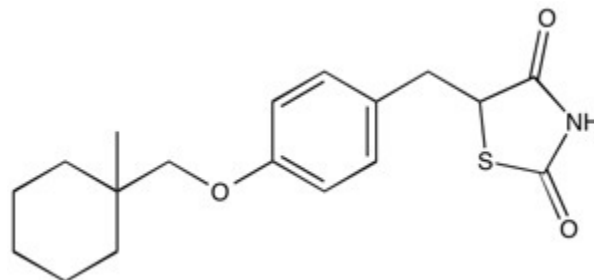
Purity: >98%

Formulation: powder

Solubility: Soluble in DMSO (up to 25 mg/ml) or in Ethanol (up to 25 mg/ml).

Storage: -20°C

Stability: \geq 1 year.



Applications

PPAR γ agonist

Functions

PPAR γ agonist (EC₅₀=3 μ M). Stimulates adipogenesis in human mesenchymal stem cells. Inhibits HUVEC differentiation and angiogenesis. Cell permeable.

Application Procedures

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

For research use only.