

Troglitazone, PPAR γ agonist

Catalog	Unit
TBI1046-10MG	10 mg
TBI1046-50MG	50 mg

Product Details

Formal Name: 5-[[4-[2-(5-Ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-2,4-thiazolidinedione hydrochloride

Molecular Formula: C₂₄H₂₇NO₅S

Formula Weight: 441.55

CAS Number: 97322-87-7

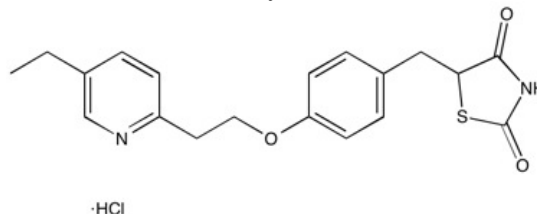
Purity: >98%

Formulation: powder

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

Storage: RT

Stability: \geq 1 year.



Applications

PPAR γ agonist

Functions

PPAR γ agonist. Stimulates recruitment of transcriptional coactivators to PPAR γ at 1 μ M. Stimulates adipogenesis in human mesenchymal stem cells. Induces apoptosis in a variety of tumor cells lines. 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.