

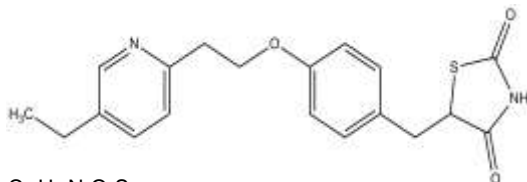
Pioglitazone

ALTERNATE NAME: 5-[[4-[2-(5-ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-2,4-thiazolidinedione

CATALOG #: 1877-5, 25,100

AMOUNT: 5 mg, 25mg, 100 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₉H₂₀N₂O₃S

MOLECULAR WEIGHT: 356.44

CAS NUMBER: 111025-46-8

APPEARANCE: White solid

SOLUBILITY: DMSO (>2 mg/ml)

PURITY: ≥98%

STORAGE: Store at -20 °C

DESCRIPTION: Cell-permeable. A thiazolidinedione (TZD) derivative that acts as a selective peroxisome proliferator-activated receptor gamma (PPAR γ) agonist (EC₅₀ = 0.69 μ M). An antidiabetic agent; improves insulin sensitivity.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Ciglitazone (Cat. No. 1695-5)
- Metformin, Hydrochloride (Cat. No. 1691-5G)
- Rosiglitazone (Cat. No. 1559-5, 50, 100)
- Troglitazone (Cat. No. 1696-5)