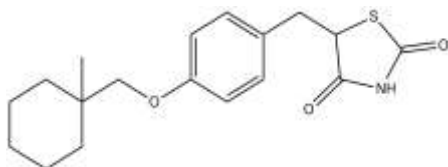


Ciglitazone

ALTERNATE NAME (±)-5-[4-(1-Methylcyclohexylmethoxy)benzyl]thiazolidine-2,4-dione

CATALOG #: 1695-5

STRUCTURE:



MOLECULAR FORMULA: C₁₈H₂₃NO₃S

MOLECULAR WEIGHT: 333.45

CAS NUMBER: 74772-77-3

APPEARANCE: Off-white solid

SOLUBILITY: DMSO (25 mg/ml) or Ethanol (25 mg/ml)

PURITY: >95% by HPLC

STORAGE: Store at -20°C.

DESCRIPTION: An antidiabetic drug. A thiazolidinedione (TDZ) type of antihyperglycemic agent. It displays antihyperglycemic activity in genetically obese C57 Bl/6 *ob/ob* mice and is a selective PPAR_γ agonist (EC₅₀ = 3 μM).

REFERENCES: Willson, T.M., *et al.* (1996). *J. Med. Chem.* **39**, 665-668.

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 in humans.

RELATED PRODUCTS:

- Rosiglitazone (Cat. No. 1559-5,100)
- Troglitazone (Cat. No. 1696-5)
- GW 9662 (Cat. No. 1697-5)