

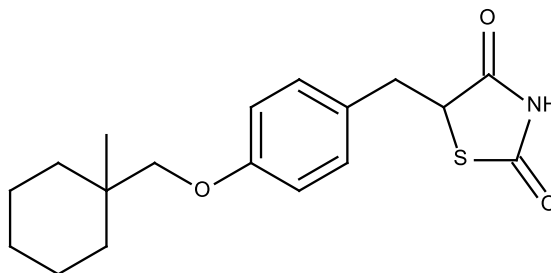
**Catalog # 10-1047**

**Ciglitazone**

CAS# 74772-77-3

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

Lot # X101023



PPAR $\gamma$  agonist (EC<sub>50</sub>=3  $\mu$ M). Stimulates adipogenesis in human mesenchymal stem cells. Inhibits HUVEC differentiation and angiogenesis. Cell permeable.

- 1) Cantello *et al.* (1994) *[[omega-(Heterocyclylamino)alkoxy]benzyl]-2,4-thiazolidinediones as potent antihyperglycemic agents* J. Med. Chem. **37** 3977.
- 2) Xin *et al.* (1999) *Peroxisome proliferator-activated receptor gamma ligands are potent inhibitors of angiogenesis in vitro and in vivo* J. Biol. Chem. **274** 9116

**PHYSICAL DATA**

Molecular Weight:	333.45
Molecular Formula:	C <sub>18</sub> H <sub>23</sub> NO <sub>3</sub> S
Purity:	>98% by TLC
	NMR: Conforms
Solubility:	DMSO (up to 25 mg/ml) or ethanol (up to 25 mg/ml)
Physical Description:	Tan solid
Storage and Stability:	Store as supplied at room temperature for up to 1 year from the date of purchase. Protect from exposure to moisture Solutions in DMSO or ethanol may be stored at -20°C for up to 3 months.

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