

**Catalog No. 11216-002 5 mg**

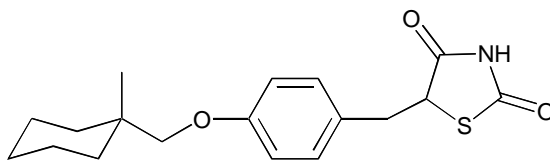
PRODUCT: Ciglitazone  
(±)-5-[4-(1-Methylcyclohexylmethoxy)-benzyl]thiazolidine-2,4-dione

CAS NO: 74772-77-3

CATALOG NO.: 11216-002

SIZE: 5 mg

STRUCTURE:



PHYSICAL APPEARANCE: Tan solid (m.p. 122-124°C)

MOLECULAR FORMULA: C<sub>18</sub>H<sub>23</sub>NO<sub>3</sub>S

MOLECULAR WEIGHT: 333.5

PURITY: 98% (TLC: 5% MeOH/methylene chloride; R<sub>f</sub> = 0.38)

SOLUBILITY: Soluble in DMSO (>25 mg/ml) and ethanol (>25 mg/ml)

STORAGE: Store, as supplied, at room temperature for up to 1 year. Store solutions at -20°C for up to 3 months.

APPLICATION NOTES: Displays antihyperglycemic activity in genetically obese C57 B1/6 *ob/ob* mice<sup>1</sup> and is a selective PPAR $\gamma$  agonist (EC<sub>50</sub> = 3 $\mu$ M)<sup>2</sup>. The product is not sterile.

- REFERENCES:
1. B.C.C.Cantello *et al. J.Med.Chem.* 1994 **37** 3977
  2. T.M.Wilson *et al. J.Med.Chem.* 1996 **39** 665

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.