Ciglitazone

PPAR ligand

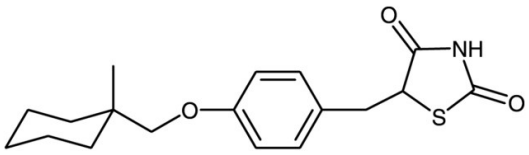
Ciglitazone is a thiazolidinedione type of antihyperglycemic agent. It displays antihyperglycemic activity in genetically obese C57 Bl/6 *ob/ob* mice and is a selective PPARγ agonist (EC_{50}=3 μM). Inhibits HUVEC differentiation and angiogenesis and also stimulates adipogenesis and decreases osteoblastogenesis in human mesenchymal stem cells.

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BML-GR205-0005	5mg
BML-GR205-0025	25mg

Manuals, SDS & CofA View Online »


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Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Stock solutions are stable for up to 3 months when stored at -20°C.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Appearance	White to off-white.
CAS	74772-77-3
Couple Target	PPAR
Couple Type	Ligand
Formula	$C_{18}H_{23}NO_3S$
Identity	Determined by NMR.
MW	333.5
Purity	≥98% (HPLC)
RTECS	XJ5813700
Solubility	Soluble in DMSO (>25mg/ml) or 100% ethanol (>25mg/ml).
Source	Synthetic.

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