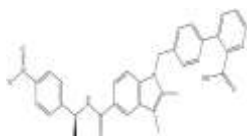


**PRODUCT: SR1664****ALTERNATE NAME:** 4'-[[[2,3-Dimethyl-5-[[[(1S)-1-(4-nitrophenyl)ethyl]amino]carbonyl]-1*H*-indol-1-yl]methyl]-[1,1'-biphenyl]-2-carboxylic acid**CATALOG #:** 9432-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>33</sub>H<sub>29</sub>N<sub>3</sub>O<sub>5</sub>**MOLECULAR WEIGHT:** 547.6**CAS NUMBER:** 1338259-05-4**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (>40 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** SR1664 blocks phosphorylation of peroxisome proliferator-activated receptor  $\gamma$  (PPAR $\gamma$ ) by cyclin-dependent kinase 5 with an IC<sub>50</sub> value of 80 nM (K<sub>i</sub> = 28.7 nM) without displaying agonist activity at the PPAR $\gamma$  receptor. It demonstrates potent, dose-dependent anti-diabetic effects in obese mice without inducing fluid retention and weight gain or inhibiting bone formation.**REFERENCES:** Choi, J.H., *et al.* (2011). *Nature* **477**, 477-481.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Ciglitazone (Cat. No. 1695-5)  
GSK-3787 (Cat. No. 2400-5, 25)  
GSK-0660 (Cat. No. 2897-5, 25)  
GW1929 (Cat. No. 2057-5, 25)  
GW501516 (Cat.No 1971-1, 5)  
GW9662 (Cat. No. 1697-5)  
Pioglitazone (Cat. No. 1877-5, 25, 100)  
PPAR-alpha Antibody (Cat. No. 3585-100)  
PPAR-gamma Antibody (Cat. No. 3809-100)  
PPAR-gamma Antagonist, G3335 (Cat. No. 1979-10, 25)  
Rosiglitazone (Cat. No. 1559-5, 50, 100)  
T0070907 (Cat. No. 2095-5)  
Troglitazone (Cat. No. 1696-5)  
WY14643 (Cat. No. 2041-10, 50)

**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*