Hello Bio, Inc. 304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500 F. 609-228-4994

customercare-usa@hellobio.com



DATASHEET

Rosiglitazone

Product overview

Name Rosiglitazone
Cat No HB2556
Alternative names BRL 49653
Biological action Agonist
Purity >99%

Description Potent and selective PPARγ agonist. Promotes adipocyte differentiation and enhances NPC

proliferation.

Biological Data

Biological description Potent and selective PPARγ agonist. Potent insulin sensitizing agent which binds PPAR receptors to

fat cells and making the cells more responsive to insulin. Ameliorates insulin resistance and shows antidiabetic, hypoglycemic and anti-inflammatory action. Also promotes mesenchymal stem cells (MSCs) adipocyte differentiation and enhances endogenous neural progenitor cells (NPCs)

proliferation.

Solubility & Handling

Solubility overview Storage instructions

Soluble in 0.1M HCl (100 mM), and in DMSO (100 mM)

+4°C

Storage of solutions

Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Chemical name Molecular Weight Chemical structure $5\hbox{-}[[4\hbox{-}[2\hbox{-}(Methyl\hbox{-}2\hbox{-}pyridinylamino}) e\ thoxy] phenyl] methyl]\hbox{-}2,4\hbox{-}thiazolidinedione$

357.43

N S NH

SMILES CN(CCOC1=CC=C(C=C1)CC2C(=O)NC(=O)S2)C3=CC=CC=N3
InChi InChl=1S/C18H19N3O3S/c1-21(16-4-2-3-9-19-16)10-11-24-14-7

InChl=1S/C18H19N3O3S/c1-21(16-4-2-3-9-19-16)10-11-24-14-7-5-13(6-8-14)12-15-17(22)20-18(2

3)25-15/h2-9,15H,10-12H2,1H3,(H,20,22,23)

InChiKey YASAKCUCGLMORW-UHFFFAOYSA-N

MDL numberMFCD00871760AppearanceWhite to off-white powder