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DATASHEET

Ciglitazone

Product overview

Name Ciglitazone HB2551 Cat No **Purity** >99%

Description Selective PPARy agonist

Biological Data

Biological description Selective PPAR γ agonist (EC₅₀ = 3 μ M). Shows antihyperglycemic and anti-inflammatory activity. Also

induces apoptosis and inhibits angiogenesis inhibitor.

Solubility & Handling

Storage instructions Room temperature

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

Important

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 5-[[4-[(1-Methylcyclohexyl)methoxy] phenyl]methyl]-2,4-thiazolidinedione

Molecular Weight 333.44

Chemical structure

Molecular Formula $C_{18}H_{23}NO_3S$ **CAS Number** 74772-77-3 **PubChem identifier** 2987927

SMILES CC1(COC2=CC=C(CC3SC(=O)NC3=O)C=C2)CCCCC1

InChiKey YZFWTZACSRHJQD-UHFFFAOYSA-N

Appearance Off-white solid