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DATASHEET

Ciglitazone

Product overview

Name	Ciglitazone
Cat No	HB2551
Purity	>99%
Description	Selective PPAR γ agonist

Biological Data

Biological description	Selective PPAR γ agonist ($EC_{50} = 3 \mu\text{M}$). Shows antihyperglycemic and anti-inflammatory activity. Also induces apoptosis and inhibits angiogenesis inhibitor.
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Solubility & Handling

Storage instructions	Room temperature
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	<chem>CC1(COC2=CC=C(CC3SC(=O)NC3=O)C=C2)CCCCC1</chem>
InChiKey	YZFWTZACSRHJQD-UHFFFAOYSA-N
Appearance	Off-white solid