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## DATASHEET

Ciglitazone

### Product overview

<b>Name</b>	Ciglitazone
<b>Cat No</b>	HB2551
<b>Purity</b>	>99%
<b>Description</b>	Selective PPAR $\gamma$ agonist

### Biological Data

<b>Biological description</b>	Selective PPAR $\gamma$ 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

<b>Storage instructions</b>	Room temperature
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Chemical name</b>	5-[[4-[(1-Methylcyclohexyl)methoxy] phenyl]methyl]-2,4-thiazolidinedione
<b>Molecular Weight</b>	333.44
<b>Chemical structure</b>	
<b>Molecular Formula</b>	$C_{18}H_{23}NO_3S$
<b>CAS Number</b>	74772-77-3
<b>PubChem identifier</b>	2987927
<b>SMILES</b>	<chem>CC1(COC2=CC=C(CC3SC(=O)NC3=O)C=C2)CCCCC1</chem>
<b>InChiKey</b>	YZFWTZACSRHJQD-UHFFFAOYSA-N
<b>Appearance</b>	Off-white solid