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## DATASHEET

Troglitazone

### Product overview

<b>Name</b>	Troglitazone
<b>Cat No</b>	HB2559
<b>Alternative names</b>	Rezulin
<b>Biological action</b>	Agonist
<b>Purity</b>	>97%
<b>Description</b>	Potent, selective PPAR $\gamma$ agonist. Inhibits hematopoietic cell line growth.

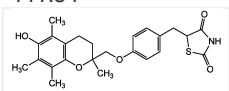
### Biological Data

<b>Biological description</b>	Potent, selective PPAR $\gamma$ agonist with no activity at PPAR $\alpha$ or PPAR $\delta$ . Decreases insulin resistance and shows potent glucose-lowering effects. Also stimulates adipogenesis and induces cellcycle arrest and apoptosis in several cancer cell lines. Shows anti-diabetic and anti-inflammatory activity.
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### Solubility & Handling

<b>Storage instructions</b>	-20 °C
<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-[(3,4-Dihydro-6-hydroxy-2,5,7,8-tetramethyl-2H-1-benzopyran-2-yl)methoxy]phenyl]methyl]-2,4-thiazolidinedione
<b>Molecular Weight</b>	441.54
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>27</sub> NO <sub>5</sub> S
<b>CAS Number</b>	97322-87-7
<b>PubChem identifier</b>	5591
<b>SMILES</b>	CC1=C2C(CCC(COC3=CC=C(CC4C(NC(S4)=O)=O)C=C3)(C)O2)=C(C)C(O)=C1C
<b>InChiKey</b>	GXPHKUHUSUJUWKP-UHFFFAOYSA-N
<b>Appearance</b>	White to off-white solid