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DATASHEET

Troglitazone

Product overview

Name	Troglitazone
Cat No	HB2559
Alternative names	Rezulin
Biological action	Agonist
Purity	>97%
Description	Potent, selective PPAR γ agonist. Inhibits hematopoietic cell line growth.

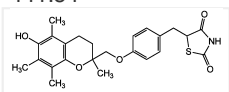
Biological Data

Biological description	Potent, selective PPAR γ agonist with no activity at PPAR α or PPAR δ . 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

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