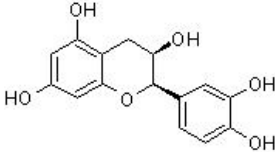


## Product datasheet

# Troglitazone, PPAR-gamma receptor agonist ab141112

[3 References](#) [1 Image](#)

### Overview

<b>Product name</b>	Troglitazone, PPAR-gamma receptor agonist
<b>Description</b>	Potent, selective PPAR- $\gamma$ receptor agonist
<b>Biological description</b>	Potent, selective PPAR- $\gamma$ receptor agonist ( $EC_{50}$ = 780 nM). No activity at PPAR- $\alpha$ or PPAR- $\delta$ (up to 10 mM). Orally active. Antidiabetic and anticancer agent. Active <i>in vivo</i> and <i>in vitro</i> .
<b>Purity</b>	> 97%
<b>CAS Number</b>	97322-87-7
<b>Chemical structure</b>	

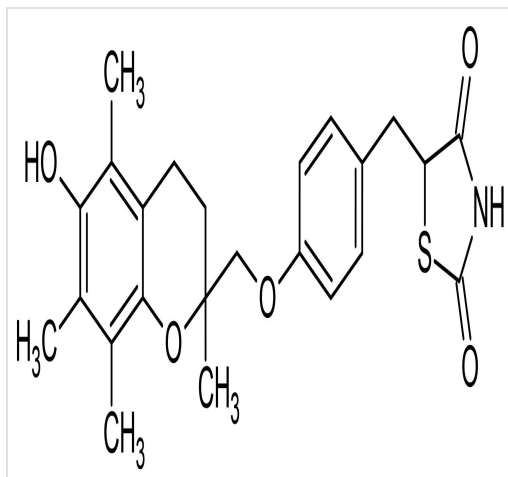
### Properties

<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>Molecular formula</b>	C <sub>24</sub> H <sub>27</sub> NO <sub>5</sub> S
<b>PubChem identifier</b>	5591
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in ethanol to 10 mM and in DMSO to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	<chem>Cc1c(O)c(C)c(C)c2OC(C)(CCc12)COc4ccc(CC3SC(=O)NC3=O)cc4</chem>

Source

Synthetic

## Images



2D chemical structure image of ab141112, Troglitazone, PPAR-gamma receptor agonist

Chemical Structure - Troglitazone, PPAR-gamma receptor agonist (ab141112)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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