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## DATASHEET

Pioglitazone

### Product overview

<b>Name</b>	Pioglitazone
<b>Cat No</b>	HB4139
<b>Purity</b>	>98%
<b>Description</b>	Selective PPAR $\gamma$ agonist

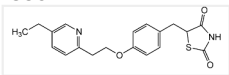
### Biological Data

<b>Biological description</b>	Thiazolidinedione (TZD) reference compound. Selective PPAR $\gamma$ agonist. Anti-diabetic . Lipid metabolism modulator. Estrogen synthesis inhibitor. NF-kappaB inhibitor. Neuroprotective.
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### Solubility & Handling

<b>Storage instructions</b>	+4 °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-[2-(5-Ethyl-2-pyridinyl)ethoxy]phenyl]methyl]-2,4-thiazolidinedione
<b>Molecular Weight</b>	356.4
<b>Chemical structure</b>	
<b>CAS Number</b>	111025-46-8
<b>PubChem identifier</b>	0
<b>SMILES</b>	<chem>CCc1ccc(CCOc2ccc(CC3SC(=O)NC3=O)cc2)nc1</chem>
<b>Appearance</b>	White to off-white solid