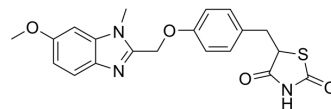


Rivoglitazone

Cat. No.:	HY-106181		
CAS No.:	185428-18-6		
Molecular Formula:	C ₂₀ H ₁₉ N ₃ O ₄ S		
Molecular Weight:	397.45		
Target:	PPAR		
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (25.16 mM; ultrasonic and warming and heat to 80°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5160 mL	12.5802 mL	25.1604 mL
5 mM	0.5032 mL	2.5160 mL	5.0321 mL
10 mM	0.2516 mL	1.2580 mL	2.5160 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Rivoglitazone is a thiazolidinedione-derivative PPAR γ agonist for the research of type 2 diabetes mellitus.

REFERENCES

[1]. Kanda S, Nakashima R, Takahashi K, et al. Potent antidiabetic effects of rivoglitazone, a novel peroxisome proliferator-activated receptor-gamma agonist, in obese diabetic rodent models. *J Pharmacol Sci.* 2009;111(2):155-166.

[2]. Uchiyama M, Iwabuchi H, Tsuruta F, et al. Pharmacokinetics, metabolism, and disposition of rivoglitazone, a novel peroxisome proliferator-activated receptor γ agonist, in rats and monkeys. *Drug Metab Dispos.* 2011;39(4):653-666.

Caution: Product has not been fully validated for medical applications. For research use only.

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