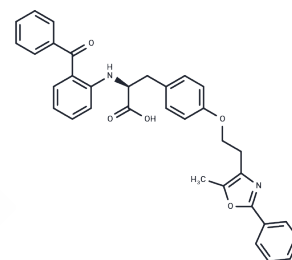


Farglitazar

Chemical Properties

CAS No. :	196808-45-4
Formula:	C34H30N2O5
Molecular Weight:	546.61
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Farglitazar (GI-262570) is a PPAR- γ agonist and insulin sensitizer that inhibits stellate cell activation by activating receptor γ via oxidative enzymes proliferators and is used in the study of diabetes.
Targets(IC50)	PPAR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8295 mL	9.1473 mL	18.2946 mL
5 mM	0.3659 mL	1.8295 mL	3.6589 mL
10 mM	0.1829 mL	0.9147 mL	1.8295 mL
50 mM	0.0366 mL	0.1829 mL	0.3659 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Reynolds DW, et al. The Degradation Chemistry of Farglitazar and Elucidation of the Oxidative Degradation Mechanisms. *J Pharm Sci.* 2017 Apr;106(4):982-993.

McHutchison J, vine R, et al; Farglitazar Study Investigators. Farglitazar lacks antifibrotic activity in patients with chronic hepatitis C infection. *Gastroenterology.* 2010 Apr;138(4):1365-73, 1373.e1-doi: 10.1053/j.gastro.2009.12.003. Epub 2010 Feb 13. Erratum in: *Gastroenterology.* 2010 Jul;139(1):360.

Tenenbaum A, et al. Dual and pan-peroxisome proliferator-activated receptors (PPAR) co-agonism: the bezafibrate lessons. *Cardiovasc Diabetol.* 2005 Sep 16;4:14.

Spraggs C, et al. Genetic variants in the epithelial sodium channel associate with oedema in type 2 diabetic patients receiving the peroxisome proliferator-activated receptor gamma agonist farglitazar. *Pharmacogenet Genomics.* 2007 Dec;17(12):1065-76.

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