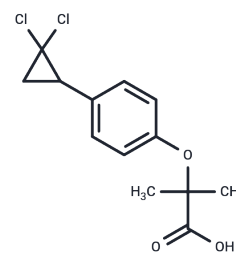


## Ciprofibrate

## Chemical Properties

CAS No. :	52214-84-3
Formula:	C <sub>13</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>3</sub>
Molecular Weight:	289.15
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	Ciprofibrate (Win35833) is a fibrate derivative with antilipidemic activity.
Targets(IC50)	PPAR

## Solubility Information

Solubility	Ethanol: 54 mg/mL (186.75 mM),Sonication is recommended. DMSO: 45 mg/mL (155.63 mM),Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (6.92 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4584 mL	17.2921 mL	34.5841 mL
5 mM	0.6917 mL	3.4584 mL	6.9168 mL
10 mM	0.3458 mL	1.7292 mL	3.4584 mL
50 mM	0.0692 mL	0.3458 mL	0.6917 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

Domingos H, et al. Arq Bras Cardiol. 2012 Nov;99(5):997-1007.

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