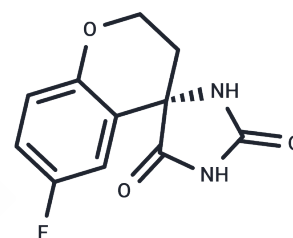


## Sorbiniil

## Chemical Properties

CAS No. :	68367-52-2
Formula:	C <sub>11</sub> H <sub>9</sub> FN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	236.2
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	Sorbiniil is an Aldose reductase inhibitor. Sorbiniil plays a therapeutic role in treating diabetes and diabetic complications decreases AR activity and inhibit the polyol pathway.
Targets(IC50)	Reductase

## Solubility Information

Solubility	DMSO: 60 mg/mL (254.02 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2337 mL	21.1685 mL	42.337 mL
5 mM	0.8467 mL	4.2337 mL	8.4674 mL
10 mM	0.4234 mL	2.1169 mL	4.2337 mL
50 mM	0.0847 mL	0.4234 mL	0.8467 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

Huang Q, et al. Sorbiniil, an Aldose Reductase Inhibitor, in Fighting Against Diabetic Complications. Med Chem. 2019;15(1):3-7.

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