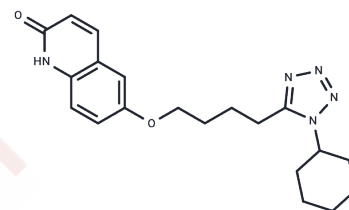


## 3,4-Dehydro Cilostazol

## Chemical Properties

CAS No. :	73963-62-9
Formula:	C <sub>20</sub> H <sub>25</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	367.44
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	3,4-Dehydro Cilostazol (OPC-13015) is an active metabolite of Cilostazol used for pharmacokinetic studies. Cilostazol is a selective PDE3A inhibitor.
Targets(IC50)	Drug Metabolite,PDE

## Solubility Information

Solubility	DMSO: 4 mg/mL (10.89 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	2.7215 mL	13.6077 mL	27.2153 mL
5 mM	0.5443 mL	2.7215 mL	5.4431 mL
10 mM	0.2722 mL	1.3608 mL	2.7215 mL
50 mM	0.0544 mL	0.2722 mL	0.5443 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

T R S Satheeshmanikandan, et al. Liquid Chromatography - Tandem Mass Spectrometry for the Simultaneous Quantitation of Glipizide, Cilostazol and Its Active Metabolite 3, 4-dehydro-cilostazol in Rat Plasma: Application for a Pharmacokinetic Study. *Arzneimittelforschung*. 2012 Sep;62(9):425-32.

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