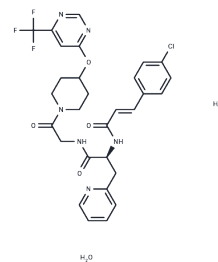


## FK-330 dihydrate

## Chemical Properties

CAS No. :	682813-92-9
Formula:	C <sub>29</sub> H <sub>32</sub> ClF <sub>3</sub> N <sub>6</sub> O <sub>6</sub>
Molecular Weight:	653.05
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



## Biological Description

Description	FK-330 dihydrate (FR-260330 dihydrate) is a novel and effective nitric oxide synthase inhibitor. It can prevent ischemia and reperfusion injury in rat liver transplantation.
Targets(IC50)	NO Synthase

## Solubility Information

Solubility	DMSO: 55 mg/mL (84.22 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	1.5313 mL	7.6564 mL	15.3128 mL
5 mM	0.3063 mL	1.5313 mL	3.0626 mL
10 mM	0.1531 mL	0.7656 mL	1.5313 mL
50 mM	0.0306 mL	0.1531 mL	0.3063 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

Tsuchihashi S, Kaldas F, Chida N, Sudo Y, Tamura K, Zhai Y, Qiao B, Busuttill RW, Kupiec-Weglinski JW. FK330, a novel inducible nitric oxide synthase inhibitor, prevents ischemia and reperfusion injury in rat liver transplantation. Am J Transplant. 2006 Sep;6(9):2013-22.

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