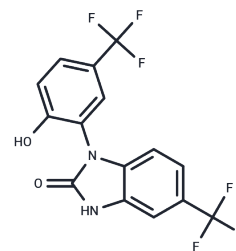


NS-1619

Chemical Properties

CAS No. : 153587-01-0
 Formula: C₁₅H₈F₆N₂O₂
 Molecular Weight: 362.23
 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	NS1619 have cardio-protective effects after ischemia-reperfusion injury.
Targets(IC50)	Apoptosis,Potassium Channel

Solubility Information

Solubility	DMSO: 50 mg/mL (138.03 mM),Sonication is recommended. (< 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 (5.52 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	2.7607 mL	13.8034 mL	27.6068 mL
5 mM	0.5521 mL	2.7607 mL	5.5214 mL
10 mM	0.2761 mL	1.3803 mL	2.7607 mL
50 mM	0.0552 mL	0.2761 mL	0.5521 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

Kurra V, et al. BMC Nephrol. 2015 Mar 27;16:35.

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