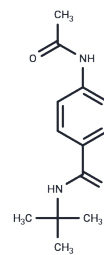


CPI1189

## Chemical Properties

CAS No. : 183619-38-7  
 Formula: C<sub>13</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 234.29  
 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	CPI1189 (REN-1189) is a TNF- $\alpha$ release inhibitor potentially for the treatment of sciatica and postherpetic neuralgia.
Targets(IC50)	Apoptosis, TNF

## Solubility Information

Solubility	DMSO: 50 mg/mL (213.41 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 (8.54 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	4.2682 mL	21.3411 mL	42.6821 mL
5 mM	0.8536 mL	4.2682 mL	8.5364 mL
10 mM	0.4268 mL	2.1341 mL	4.2682 mL
50 mM	0.0854 mL	0.4268 mL	0.8536 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

Bjugstad KB, et al. Preventive actions of a synthetic antioxidant in a novel animal model of AIDS dementia. Brain Res. 1998 Jun 8;795(1-2):349-57.

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