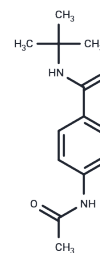


CPI1189

## 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  
Appearance: no data available  
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

|               |                                                                                                                       |
|---------------|-----------------------------------------------------------------------------------------------------------------------|
| Description   | CPI1189 (REN-1189) is a TNF-α release inhibitor potentially for the treatment of sciatica and postherpetic neuralgia. |
| Targets(IC50) | TNF                                                                                                                   |

## Solubility Information

|            |                                                                                                  |
|------------|--------------------------------------------------------------------------------------------------|
| Solubility | DMSO: 50 mg/mL (213.4 mM),<br>( $< 1$ mg/mL refers to the product slightly soluble or insoluble) |
|------------|--------------------------------------------------------------------------------------------------|

## 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.

## 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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