

RU-505

## Chemical Properties

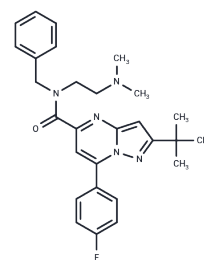
CAS No. : 1314206-29-5

Formula: C<sub>28</sub>H<sub>32</sub>FN<sub>5</sub>O

Molecular Weight: 473.58

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   | RU-505 is an interaction inhibitor of A $\beta$ -fibrinogen that acts by rescuing altered thrombosis and cognitive decline in Alzheimer's disease mice. |
| Targets(IC50) | Beta Amyloid,Others   |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 2.1116 mL | 10.5579 mL | 21.1158 mL |
| 5 mM  | 0.4223 mL | 2.1116 mL  | 4.2232 mL  |
| 10 mM | 0.2112 mL | 1.0558 mL  | 2.1116 mL  |
| 50 mM | 0.0422 mL | 0.2112 mL  | 0.4223 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

Ahn HJ, Glickman JF, Poon KL, Zamolodchikov D, Jno-Charles OC, Norris EH, Strickland S. A novel A $\beta$ -fibrinogen interaction inhibitor rescues altered thrombosis and cognitive decline in Alzheimer's disease mice. J Exp Med. 2014 Jun 2;211(6):1049-62. doi: 10.1084/jem.20131751. Epub 2014 May 12. PubMed PMID: 24821909; PubMed Central PMCID: PMC4042638.

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