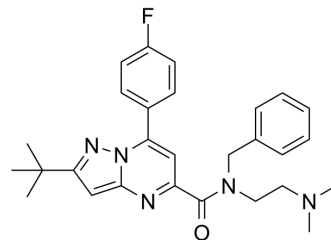


RU-505

| | |
|--------------------|---|
| Cat. No.: | HY-117983 |
| CAS No.: | 1314206-29-5 |
| Molecular Formula: | C ₂₈ H ₃₂ FN ₅ O |
| Molecular Weight: | 473.58 |
| Target: | Amyloid- β |
| Pathway: | Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

RU-505 is an effective β -amyloid (A β)-fibrinogen interaction inhibitor with IC₅₀s of 5.00 and 2.72 μ M in fluorescence polarization (FP) and AlphaLISA assays, respectively. RU-505 is highly permeable to the BBB. RU-505 reduces cerebral amyloid angiopathy (CAA). RU-505 can be used for the research of Alzheimer's disease (AD)^[1].

REFERENCES

[1]. Hyung Jin Ahn, et al. A novel A β -fibrinogen interaction inhibitor rescues altered thrombosis and cognitive decline in Alzheimer's disease mice. *J Exp Med.* 2014 Jun 2;211(6):1049-62.

Caution: Product has not been fully validated for medical applications. For research use only.

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