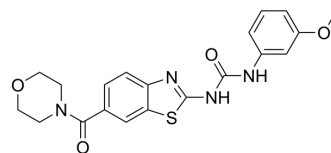


## A $\beta$ 42-IN-5

Cat. No.:	HY-161110
Molecular Formula:	C <sub>20</sub> H <sub>20</sub> N <sub>4</sub> O <sub>4</sub> S
Molecular Weight:	412.46
Target:	Amyloid- $\beta$
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

A $\beta$ 42-IN-5 (Compound 0152) is an oral active amyloid precursor protein (APP) degrader that can reduce A $\beta$ 42 in Alzheimer's disease iPSC neurons. A $\beta$ 42-IN-5 can bind CAPRN1 and APP and enhance the protein-protein interaction<sup>[1]</sup>.

### REFERENCES

[1]. Jung S, Jaiswal N, Rai R K, et al. Small-molecule degraders reduce A $\beta$  production through CAPRN1-mediated lysosomal degradation of APP in Alzheimer iPSC-derived neurons[J]. bioRxiv, 2023: 2023.12. 29.573648.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA