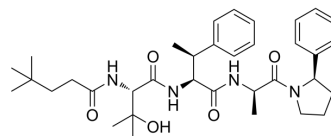


## FAZ-3780

Cat. No.:	HY-162289
Molecular Formula:	C <sub>35</sub> H <sub>50</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	607
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

FAZ-3780 (compound G3Ib) is an inhibitor of binding to the NTF2L domain of G3BP1/2 that binds to G3BP1 with a  $K_d$  of 0.15  $\mu$  M. FAZ-3780 targets the protein-protein interaction domain of G3BP1/2 and specifically inhibits co-condensation of G3BP1, caprin 1, and RNA in vitro<sup>[1]</sup>.

## REFERENCES

[1]. Brian D Freibaum, et al. Identification of small molecule inhibitors of G3BP-driven stress granule formation. *J Cell Biol.* 2024 Mar 4;223(3):e202308083.

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

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