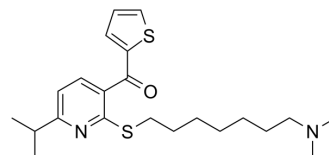


## Y-29794

<b>Cat. No.:</b>	HY-143474
<b>CAS No.:</b>	2554621-98-4
<b>Molecular Formula:</b>	C <sub>22</sub> H <sub>32</sub> N <sub>2</sub> OS <sub>2</sub>
<b>Molecular Weight:</b>	404.63
<b>Target:</b>	Prolyl Endopeptidase (PREP)
<b>Pathway:</b>	Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Y-29794 (Compound 2) is a potent, covalent prolyl oligopeptidase (POP) inhibitor with a K <sub>i</sub> of 0.95 nM. Y-29794 can be used for studying neurodegenerative diseases and cancer <sup>[1]</sup> .
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 0.95 nM (POP) <sup>[1]</sup>

### REFERENCES

[1]. Jessica Plescia, et al. Discovery of covalent prolyl oligopeptidase boronic ester inhibitors. Eur J Med Chem. 2020 Jan 1;185:111783.

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

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