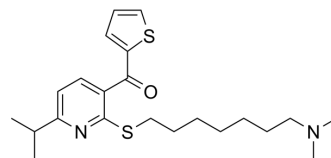


## POP-IN-3

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



## BIOLOGICAL ACTIVITY

Description	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> .
IC <sub>50</sub> & Target	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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