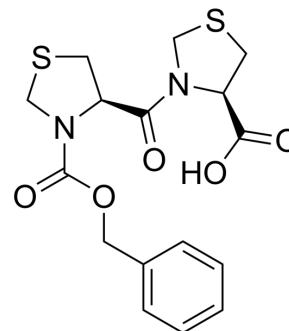


## Z-Thiopropyl-Thioproline

Cat. No.:	HY-148331
CAS No.:	118059-40-8
Molecular Formula:	C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> S <sub>2</sub>
Molecular Weight:	382.45
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	Z-Thiopropyl-Thioproline is a bovine brain prolyl endopeptidase (PEP) inhibitor (IC <sub>50</sub> =16 μM; K <sub>i</sub> =37 μM). Z-Thiopropyl-Thioproline is used in the study of neurological disorders such as memory disorders and cognitive disorders <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 16 μM (PEP) <sup>[1]</sup> .

### REFERENCES

[1]. Tsuru D, et al. Thiazolidine derivatives as potent inhibitors specific for prolyl endopeptidase. J Biochem. 1988 Oct;104(4):580-6.

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

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