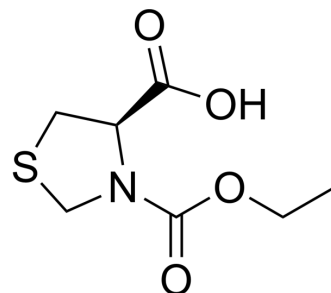


## Telmesteine

Cat. No.:	HY-125495
CAS No.:	122946-43-4
Molecular Formula:	C <sub>7</sub> H <sub>11</sub> NO <sub>4</sub> S
Molecular Weight:	205.23
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Telmesteine is an amucolitic agent. Telmesteine has anti-protease activity. Telmesteine inhibits LPS-induced NO production in RAW264.7 cells. Telmesteine can be used for research of inflammation, such as acute and chronic bronchitis and obstructive airways disease<sup>[1][2]</sup>.

### REFERENCES

- [1]. Lee J, et al. Absorption, distribution, metabolism and excretion of telmesteine, a mucolitic agent, in rat. *Xenobiotica*. 2003 Jul;33(7):755-65.
- [2]. Xuetao Xu, et al. Evaluation of the anti-inflammatory properties of telmesteine on inflammation-associated skin diseases. *RSC Adv.*, 2017, 7, 34699-34704.

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

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