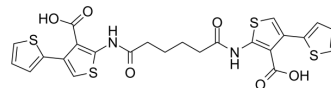


## TM5007

Cat. No.:	HY-119160
CAS No.:	342595-05-5
Molecular Formula:	C <sub>24</sub> H <sub>20</sub> N <sub>2</sub> O <sub>6</sub> S <sub>4</sub>
Molecular Weight:	560.69
Target:	PAI-1
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

TM5007 is a potent and orally active inhibitor of plasminogen activator inhibitor-1 (PAI-1) with an IC<sub>50</sub> of 29 μM. TM5007 enhance fibrinolysis activity and inhibits coagulation. TM5007 also prevents the fibrotic process initiated by bleomycin in mouse lung<sup>[1]</sup>.

## REFERENCES

[1]. Izuhara Y, et al. Inhibition of plasminogen activator inhibitor-1: its mechanism and effectiveness on coagulation and fibrosis. *Arterioscler Thromb Vasc Biol.* 2008 Apr;28(4):672-7.

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

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