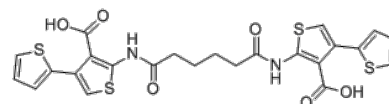


**Product Name** : TM5007  
**Cat. No.** : PC-35131  
**CAS No.** : 342595-05-5  
**Molecular Formula** : C<sub>24</sub>H<sub>20</sub>N<sub>2</sub>O<sub>6</sub>S<sub>4</sub>  
**Molecular Weight** : 560.672  
**Target** : Plasminogen Activator Inhibitor-1 (PAI-1)  
**Solubility** : 10 mM in DMSO



## Biological Activity

TM5007 is a potent inhibitor of plasminogen activator inhibitor-1 (**PAI-1**) with IC<sub>50</sub> of 29  $\mu$ M, exhibits no inhibitory activity against any of the closely related serpins or serine proteases at 250  $\mu$ M.

## References

Izuhara Y, et al. *Arterioscler Thromb Vasc Biol.* 2008 Apr;28(4):672-7.

Izuhara Y, et al. *J Cereb Blood Flow Metab.* 2010 May;30(5):904-12.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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