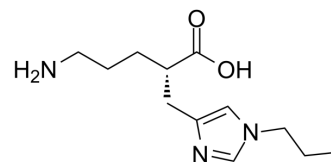


## UK396082

Cat. No.:	HY-122052
CAS No.:	400044-47-5
Molecular Formula:	C <sub>12</sub> H <sub>21</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	239.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	UK396082 is a potent thrombin activated fibrinolytic inhibitor (TAFI) inhibitor. UK396082 increases plasmin activity and induces a parallel decrease in ECM levels. UK396082 can be used in research of chronic kidney disease (CKD) <sup>[1]</sup> .
In Vitro	UK396082 (0-1000 nM; NRK52E cells; 96 h) induces TAFI activity in a dose-dependent manner <sup>[1]</sup> . UK396082 (500 nM; 24 h) increases plasmin activity in NRK52E cells (+109%) and NRK49F fibroblasts (+38.3%) <sup>[1]</sup> . UK396082 (500 nM; 24 h) has a 46% reduction in ECM levels <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Atkinson JM, et, al. An inhibitor of thrombin activated fibrinolysis inhibitor (TAFI) can reduce extracellular matrix accumulation in an in vitro model of glucose induced ECM expansion. Matrix Biol. 2013 Jun 24;32(5):277-87.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA