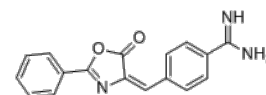


**Product Name** : UK122  
**Cat. No.** : PC-20179  
**CAS No.** : 940290-58-4  
**Molecular Formula** : C<sub>17</sub>H<sub>13</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 291.31  
**Target** : Plasminogen Activator Inhibitor-1 (PAI-1)  
**Solubility** : 10 mM in DMSO



## Biological Activity

UK122 (UK-122) is potent, selective inhibitor of urokinase-type plasminogen activator (**uPA**) with IC<sub>50</sub> 0.2 uM in cell-free indirect uPA assays.

UK122 shows no or little inhibition of other serine proteases such as thrombin, trypsin, plasmin, and the tissue-type plasminogen activator (IC<sub>50</sub> values >100 uM).

UK122 (100 uM) significantly suppresses the cell migration on fibronectin-coated slides by 80% on pancreatic cancer cells CFPAC-1 cell migration, does not inhibit cancer cell growth.

## References

Zhu M, et al. *Mol Cancer Ther.* 2007 Apr;6(4):1348-56.

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

E-mail: tech@probechem.com