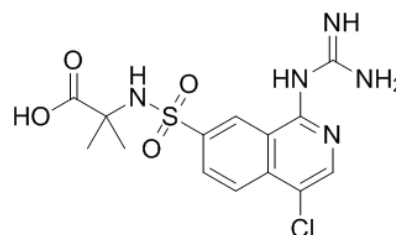


Product Name : UK-371804
Cat. No. : PC-42335
CAS No. : 256477-09-5
Molecular Formula : C₁₄H₁₆ClN₅O₄S
Molecular Weight : 385.82594
Target : Plasminogen Activator Inhibitor-1 (PAI-1)
Solubility : DMSO: 10 mg/mL



Biological Activity

UK-371804 is a potent and selective inhibitor of **urokinase-type plasminogen activator (uPA)** with K_i of 10 nM. UK-371804 displays excellent selectivity profile (4000-fold versus tPA and 2700-fold versus plasmin); inhibits exogenous uPA in human chronic wound fluid with IC₅₀ of 0.89 μM. UK-371804 penetrates into pig wounds and inhibits exogenous uPA activity with no adverse effect on wound healing parameters in wound model following topical delivery.

References

Fish PV, et al. *J Med Chem*. 2007 May 17;50(10):2341-51.

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

E-mail: tech@probechem.com