

Product Name : UK-371804

Synonyms : UK371804;UK 371804

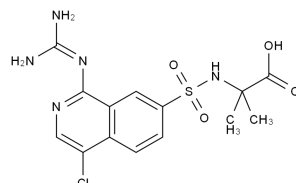
Cat No. : M13772

CAS Number : 256477-09-5

Molecular Formula : C₁₄H₁₆ClN₅O₄S

Formula Weight : 385.83

Chemical Name : Alanine, N-[[1-[(aminoiminomethyl)amino]-4-chloro-7-isoquinoliny]sulfonyl]-2-methyl-



Description : UK-371804 is a potent and selective inhibitor of urokinase-type plasminogen activator (uPA) with K_i of 10 nM; 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; penetrates into pig wounds and inhibits exogenous uPA activity with no adverse effect on wound healing parameters in wound model following topical delivery. Ulcer Preclinical

Pathway : Metabolic Enzyme/Protease

Target : PAI-1

Receptor : uPA

Solubility : DMSO: 10 mg/mL

SMILES : CC(C)(NS(=O)(C1=CC2=C(C=C1)C(Cl)=CN=C2/N=C(N)N)=O)C(=O)O

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

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