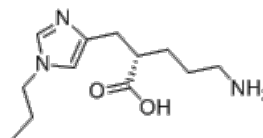


Product Name : UK-396082
Synonyms : UK 396,082; UK396082
Cat No. : M14370
CAS Number : 400044-47-5
Molecular Formula : C₁₂H₂₁N₃O₂
Formula Weight : 239.32
Chemical Name : (S)-5-amino-2-((1-propyl-1H-imidazol-4-yl)methyl)pentanoic acid



Description : UK-396082 is a potent and selective inhibitor of activated thrombin-activatable fibrinolysis inhibitor (activated TAFI; TAFIa) with K_i of 10 nM; displays excellent selectivity over plasma carboxypeptidase N (>1,000-fold); exhibits antithrombotic efficacy in a rabbit model of venous thrombosis, yet has no effect on surgical bleeding in the rabbit; possesses excellent preclinical and clinical pharmacokinetic profile, and shows potential for the treatment of thrombosis and other fibrin-dependent diseases in humans. Thrombosis Phase 1 Discontinued

Pathway : Others
Target : Other Targets
Receptor : Other Targets
Solubility : —
SMILES : CCCN1C=C(N=C1)C[C@H](CCCN)C(=O)O
Storage : (-20°C)
Stability : ≥ 2 years
Reference :

1. Bunnage ME, et al. J Med Chem. 2007 Nov 29;50(24):6095-103. | 2. Atkinson JM, et al. Matrix Biol. 2013 Jun 24;32(5):277-87. | 3. Bridge K, et al. PLoS One. 2017 May 4;12(5):e0177117.