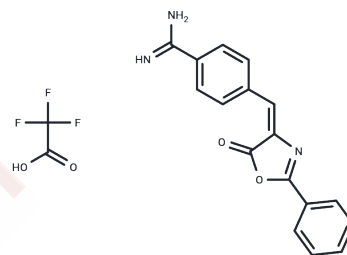


UK-122 TFA salt

Chemical Properties

CAS No. :	1186653-73-5
Formula:	C ₁₉ H ₁₄ F ₃ N ₃ O ₄
Molecular Weight:	405.33
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	UK-122 is a potent and selective uPA inhibitor (K _i = 20 nM). The IC ₅₀ of UK122 in a cell-free indirect uPA assay is 0.2 micromol/L. UK122 showed little cytotoxicity against CFPAC-1 cells (IC ₅₀ > 100 micromol/L) but significantly inhibited the migration and invasion of this pancreatic cancer cell line.
Targets(IC ₅₀)	Others,PAI-1

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4671 mL	12.3356 mL	24.6713 mL
5 mM	0.4934 mL	2.4671 mL	4.9343 mL
10 mM	0.2467 mL	1.2336 mL	2.4671 mL
50 mM	0.0493 mL	0.2467 mL	0.4934 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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Zhu M, Gokhale VM, Szabo L, Munoz RM, Baek H, Bashyam S, Hurley LH, Von Hoff DD, Han H. Identification of a novel inhibitor of urokinase-type plasminogen activator. *Mol Cancer Ther*. 2007 Apr;6(4):1348-56. PubMed PMID: 17431113.

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